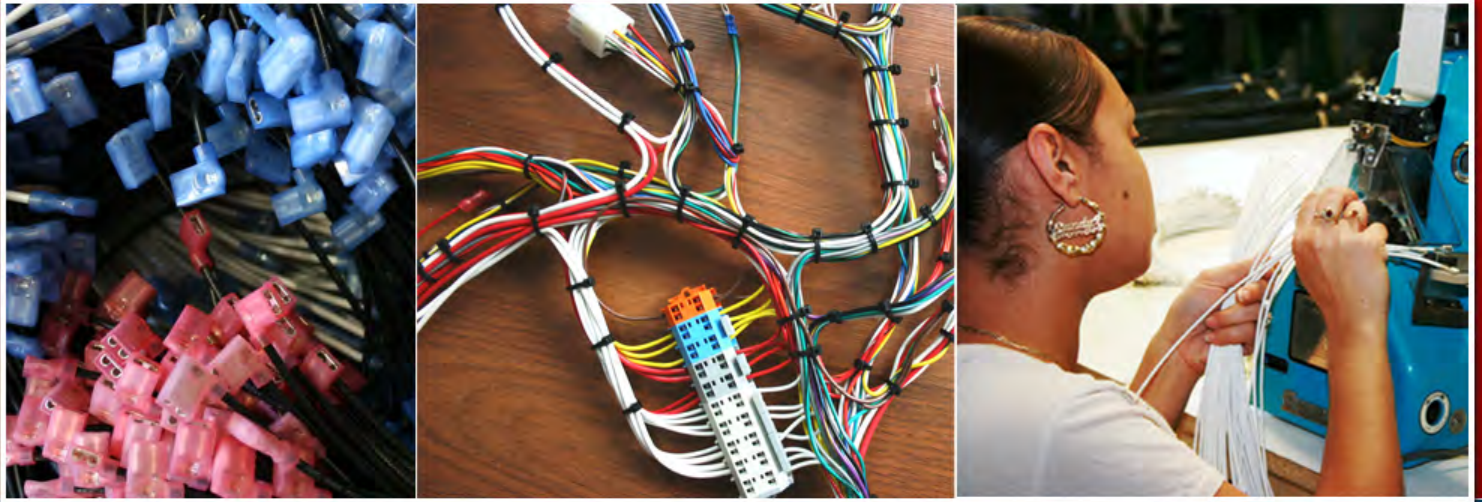


HOLLINGSWORTH



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Helping Teams Connect, One Crimp at a Time....

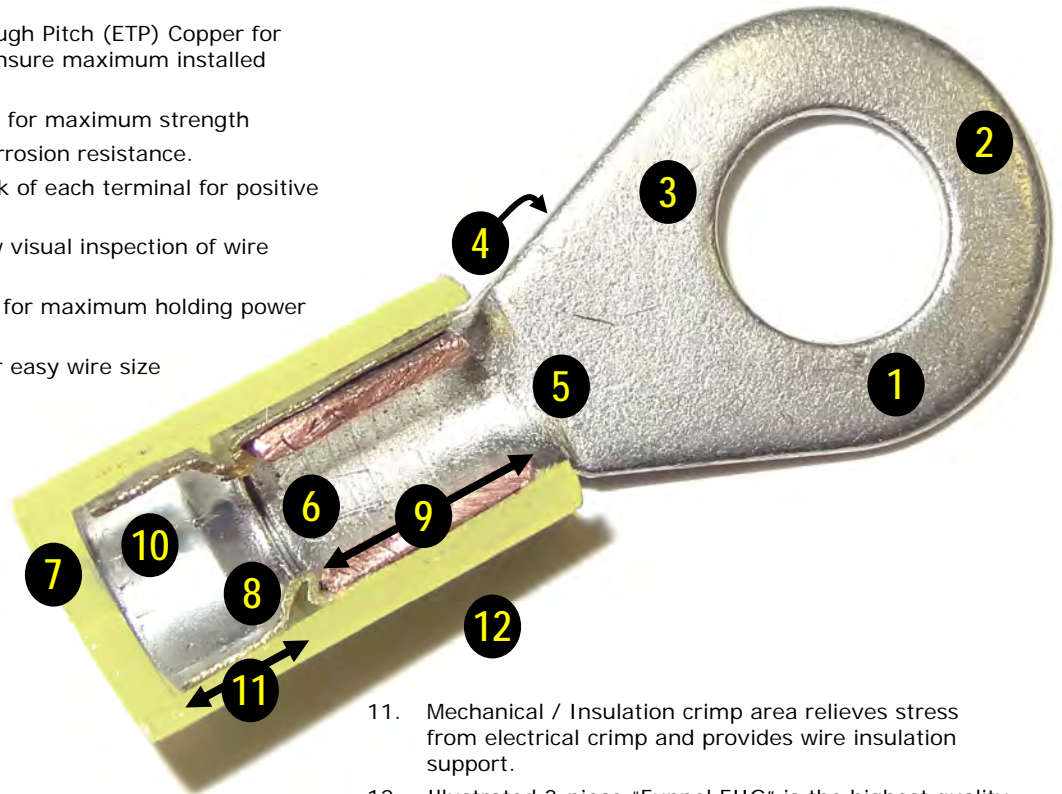
HOLLINGSWORTH TECHNICALS

*Solderless Terminal
Solutions*

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QUALITY FUNNEL ENTRY TERMINAL CONSTRUCTION

1. Constructed of pure Electrolytic Tough Pitch (ETP) Copper for highest conductivity: annealed to insure maximum installed strength.
2. Constructed in one, burr-free piece for maximum strength
3. Electro-Tin plated for maximum corrosion resistance.
4. Wire range clearly stamped on back of each terminal for positive identification.
5. Constructed with open end to allow visual inspection of wire location before and after crimp.
6. Serrated with multiple "V" grooves for maximum holding power and current flow.
7. Approved color coded insulation for easy wire size identification
8. "Funnel Entry" design actually groups strands together for fast, easy, positive entry into terminal barrel. This eliminates wire strand hang-up and positions wire perfectly for a more positive crimp.
9. Electrical crimp area
10. Insulation gripping sleeve



11. Mechanical / Insulation crimp area relieves stress from electrical crimp and provides wire insulation support.
12. Illustrated 3-piece "Funnel FIIG" is the highest quality terminal in the marketplace today.

FUNNEL ENTRY SPEEDS UP PRODUCTION AND INCREASES RELIABILITY

1. "Funnel entry" design guides wire into position.
2. Prevents wire strand turn back or hang-up as wire is inserted.
3. Wire in place, ready for crimping. Fast, positive installation.



(Funnel FIT Terminal illustrated).



Most terminals are made from pure copper for highest conductivity. They are electro-tin plated to assure corrosion resistance. Serrated "V" grooves in the barrel of each terminal firmly grip the wire to assure maximum holding power. Insulation is colored to standard commercial specifications.

STANDARD BARREL STYLES

Products meet: UL, CSA, and Mil SPEC Standards where applicable

FIIG: Insulated terminal with support sleeve



XR1903SN

Basic terminal with nylon or PVC insulation and copper support sleeve. Offers the highest quality and reliability. Temperature Rating: 105 °C (220 °F) continuous.

16-14 series illustrated

FIT: Insulated Terminal – insulation may be flared



R4160SF

Basic terminal with PVC or nylon insulation. Temperature Rating: 105 °C (220 °F) continuous.

NIT BRAZED: Non-insulated terminal with silver brazed barrel



R4123SB

Basic terminal bonded with silver brazing alloy. Will not open under stress.

NIT: Non-Insulated terminal with butted seam barrel



R4123S

Basic terminal with butted seam.

MOST HOLLINGSWORTH TERMINALS ARE AVAILABLE WITH HEAT SHRINK



Performance Characteristics

These tests were performed under strict laboratory controlled conditions and may vary depending on type of wire and terminal combinations, wire stripping methods, and maintenance or proper gauging and calibration of manufacturer's recommended tooling.

CHART 9072 Corrosion (Salt Spray) Test 48 hours, 5% NaCl Fog

Class 1 Test Date 10/2021

Note: Specification Maximum: Voltage drop of equivalent wire length plus specification allowance.

Salt Spray (Corrosion Test)

- The purpose of this test, in which terminal samples are subjected to a fine mist of 5% salt solution for a specific time (48 hours), is to provide an accelerated laboratory conducted corrosion test.
- The curves shown on chart 9072 plot the final voltage drops (i.e., after subjecting the samples to salt spray), as called for in specification SAE AS7928. For a terminal to meet or exceed requirements, its voltage drop readings after test must fall below limits shown in the upper curve (final). All Hollingsworth Military approved terminals exceed SAE AS7928 Salt Spray (Corrosion) Test requirements.

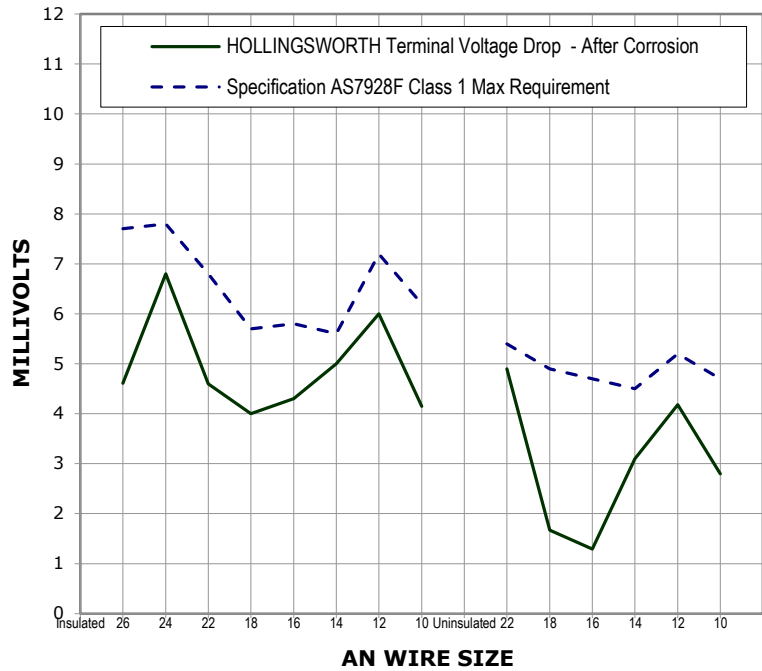
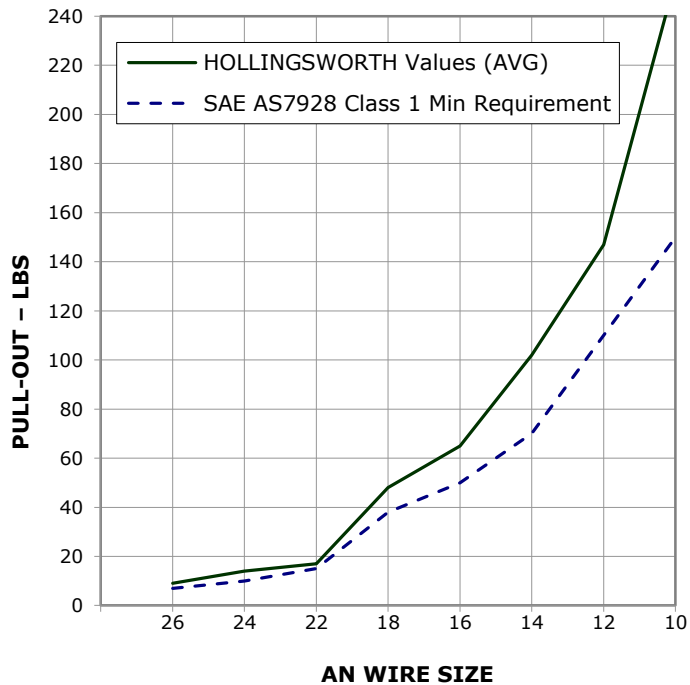


CHART 9074 Tensile Strength Test 26-10 AWG

Class 1 Test Date 10/2021

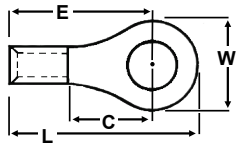
- The purpose of this test is to ensure secureness of the crimped terminal. The test is carried out as indicated under paragraph 4.7.8 of specifications SAE AS7928.
- After crimping the terminal to a suitable length of wire, it is placed in a standard tensile testing machine and sufficient force is applied to pull the wire out of the terminal, or break the wire or the terminal.
- The lower curve on chart 9074 plots the minimum pull-out force expected for the various wire sizes crimped. The upper curve plots average pull-out forces measured in actual tests on numerous samples. All Hollingsworth Military approved terminals exceed SAE AS7928 Tensile Strength requirements.



26/24 Rings

CMA Range 202-320

Barrel Inside Diameter .027" / .686 mm



Material: **COPPER**
Thickness: .023" / .584 mm



R4088



XR26338SN

Insulated (Yellow Nylon)
Insulated Diameter 0.092" / 2.33 mm

| Basic Dimensions | | | | | Non-Insulated | | Insulated (Yellow Nylon) | | | |
|------------------|------|------|------|------|---------------|-------------|--------------------------|------|------|------|
| Stud Size | W | | C | | NIT | Funnel FIIG | E | | L | |
| | in. | mm | in. | mm | | | in. | mm | in. | mm |
| 2 | 0.14 | 3.56 | 0.17 | 4.32 | R4086 | XR26336N | 0.58 | 14.7 | 0.67 | 17.0 |
| 4 | 0.20 | 5.08 | 0.22 | 5.59 | R4087 | XR26337N | 0.64 | 16.3 | 0.74 | 18.8 |
| 6 | 0.25 | 6.35 | 0.26 | 6.60 | R4088 | XR26338N | 0.68 | 17.3 | 0.81 | 20.6 |
| 8 | 0.32 | 8.13 | 0.26 | 6.60 | R4089 | XR26339N | 0.68 | 17.3 | 0.84 | 21.3 |
| 10 | 0.32 | 8.13 | 0.26 | 6.60 | R4090 | XR26340N | 0.68 | 17.3 | 0.87 | 21.3 |
| Hand Tool | | | | | H74 | H7B & H53 | | | | |

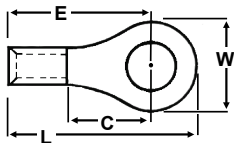
Parts in this chart are available on tape.

* 22-16 Rings are marked 22-18 in accordance with SAE AS7928

22/16* Rings

CMA Range 509-3260

Barrel Inside Diameter .059" / 1.5 mm



Material: **COPPER**
Thickness: .030" / .762 mm



R4262S



R4142F



XR1857SN

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | | |
|--------------------|-----|-------|-----|-------|---------------|------------|-------------|-------|-----|-----------------------|------------|-----------|-------|-----------------------|-------|-------------|-----|-------|------|-------|
| Stud Size | W | | C | | NIT | NIT Brazed | E | | L | | Funnel FIT | E | | L | | Funnel FIIG | E | | L | |
| | in. | mm | in. | mm | | | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm |
| 2 | .22 | 5.59 | .16 | 4.06 | R4103 | R4103B | .44 | 11.17 | .55 | 13.97 | R4140F | .70 | 17.78 | .81 | 20.57 | | | | | |
| 2 | .22 | 5.59 | .16 | 4.06 | R4103S | R4103SB | .34 | 8.63 | .45 | 11.43 | R4140SF | .63 | 16.00 | .74 | 18.80 | XR1879SN | .63 | 16.00 | .74 | 18.80 |
| 4 | .22 | 5.59 | .16 | 4.06 | | R4104B | .44 | 11.17 | .55 | 13.97 | | | | | | | | | | |
| 4 | .22 | 5.59 | .16 | 4.06 | R4104S | R4104SB | .34 | 8.63 | .45 | 11.43 | R4141SF | .63 | 16.00 | .74 | 18.80 | XR1880SN | .63 | 16.00 | .74 | 18.80 |
| 4 | .28 | 7.11 | .32 | 8.13 | R4261S | R4261SB | .50 | 12.70 | .64 | 16.25 | R4265SF | .79 | 20.07 | .93 | 23.62 | XR1856SN | .79 | 20.07 | .93 | 23.62 |
| 6 | .22 | 5.59 | .16 | 4.06 | R4105 | R4105B | .44 | 11.17 | .55 | 13.97 | R4142F | .70 | 17.78 | .81 | 20.57 | | | | | |
| 6 | .22 | 5.59 | .16 | 4.06 | R4105S | R4105SB | .34 | 8.63 | .45 | 11.43 | R4142SF | .63 | 16.00 | .74 | 18.80 | XR1881SN | .63 | 16.00 | .74 | 18.80 |
| 6 | .25 | 6.35 | .32 | 8.13 | R4110 | R4110B | .59 | 14.98 | .73 | 18.54 | R4147F | .86 | 21.84 | .98 | 24.89 | | | | | |
| 6 | .25 | 6.35 | .32 | 8.13 | R4110S | R4110SB | .50 | 12.70 | .62 | 15.74 | R4147SF | .79 | 20.07 | .91 | 23.11 | XR1885SN | .79 | 20.07 | .89 | 22.58 |
| 6 | .28 | 7.11 | .32 | 8.13 | R4262 | R4262B | .59 | 14.98 | .73 | 18.54 | R4266F | .86 | 21.84 | 1.00 | 25.40 | | | | | |
| 6 | .28 | 7.11 | .32 | 8.13 | R4262S | R4262SB | .50 | 12.70 | .64 | 16.25 | R4266SF | .79 | 20.07 | .93 | 23.62 | XR1857SN | .79 | 20.07 | .93 | 23.62 |
| 8 | .22 | 5.59 | .16 | 4.06 | R4193 | R4193B | .43 | 10.92 | .55 | 13.97 | R4206F | .70 | 17.78 | .81 | 20.57 | | | | | |
| 8 | .22 | 5.59 | .16 | 4.06 | R4193S | R4193SB | .33 | 8.38 | .45 | 11.43 | R4206SF | .63 | 16.00 | .74 | 18.80 | XR1882SN | .63 | 16.00 | .74 | 18.80 |
| 8 | .28 | 7.11 | .32 | 8.13 | R4263S | R4263SB | .50 | 12.70 | .64 | 16.25 | R4267SF | .79 | 20.07 | .93 | 23.62 | XR1858SN | .79 | 20.07 | .93 | 23.62 |
| 8 | .31 | 7.87 | .32 | 8.13 | R4111 | R4111B | .60 | 15.24 | .75 | 19.05 | R4148F | .86 | 21.84 | 1.01 | 25.65 | | | | | |
| 8 | .31 | 7.87 | .32 | 8.13 | R4111S | R4111SB | .50 | 12.70 | .65 | 16.51 | R4148SF | .79 | 20.07 | .94 | 23.88 | XR1890SN | .79 | 20.07 | .92 | 23.88 |
| 10 | .28 | 7.11 | .32 | 8.13 | R4264 | R4264B | .59 | 14.98 | .73 | 18.54 | R4268F | .86 | 21.84 | 1.00 | 25.40 | | | | | |
| 10 | .28 | 7.11 | .32 | 8.13 | R4264S | R4264SB | .50 | 12.70 | .64 | 16.25 | R4268SF | .79 | 20.07 | .93 | 23.62 | XR1859SN | .79 | 20.07 | .93 | 23.62 |
| 10 | .31 | 7.87 | .32 | 8.13 | R4112 | R4112B | .60 | 15.24 | .75 | 19.05 | R4149F | .86 | 21.84 | 1.01 | 25.65 | | | | | |
| 10 | .31 | 7.87 | .32 | 8.13 | R4112S | R4112SB | .50 | 12.70 | .65 | 16.51 | R4149SF | .79 | 20.07 | .94 | 23.88 | XR1891SN | .79 | 20.07 | .94 | 23.88 |
| 1/4 | .47 | 11.94 | .44 | 11.18 | R4113 | R4113B | .71 | 18.03 | .94 | 23.87 | R4150F | .97 | 24.64 | 1.21 | 30.73 | | | | | |
| 1/4 | .47 | 11.94 | .44 | 11.18 | R4113S | R4113SB | .61 | 15.49 | .85 | 21.59 | R4150SF | .90 | 22.86 | 1.14 | 28.96 | XR1894SN | .90 | 22.86 | 1.14 | 28.96 |
| 5/16 | .47 | 11.94 | .44 | 11.18 | R4114 | R4114B | .71 | 18.03 | .94 | 23.87 | R4151F | .97 | 24.64 | 1.21 | 30.73 | | | | | |
| 5/16 | .47 | 11.94 | .44 | 11.18 | R4114S | R4114SB | .61 | 15.49 | .85 | 21.59 | R4151SF | .90 | 22.86 | 1.14 | 28.96 | XR1895SN | .90 | 22.86 | 1.14 | 28.96 |
| 3/8 | .53 | 13.46 | .44 | 11.18 | R4115 | R4115B | .71 | 18.03 | .97 | 24.63 | R4152F | .97 | 24.64 | 1.24 | 31.50 | | | | | |
| 3/8 | .53 | 13.46 | .44 | 11.18 | R4115S | R4115SB | .61 | 15.49 | .88 | 22.35 | R4152SF | .90 | 22.86 | 1.17 | 29.72 | XR1896SN | .89 | 22.61 | 1.16 | 29.46 |
| Approved Hand Tool | | | | | H4A | H4A | H7B & H53** | | | | | H7B & H53 | | | | | | | | |

** H53 for short barrel, H53L for long barrel

Parts in this chart are available on tape and are and certified when used with approved tooling (includes Hollingsworth Automatic Tape Terminal Crimp Presses).

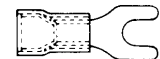
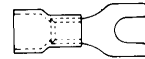
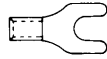
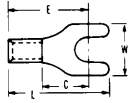
Standard Barrel configurations shown – special or customized configurations available.



22/16 Spades

CMA Range 509-3260

Barrel Inside Diameter .059" / 1.5 mm



Material: COPPER Thickness: .030" / .762 mm
Non-Insulated

Insulated (Red Vinyl)
Insulated Diameter .160" / 4.06 mm

Insulated (Red Nylon)
Insulated Diameter .146" / 3.71 mm

| Stud Size | Basic Dimensions | | | | NIT | | Non-Insulated | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | |
|-----------|------------------|------|-------|------|--------|------------|---------------|-------|-------|-------|-----------------------|-------|-------|-------|-----------------------|-------------|-------|-------|-------|-------|
| | W in. | W mm | C in. | C mm | NIT | NIT Brazed | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
| 6 | 0.31 | 7.87 | 0.28 | 7.11 | S4116 | S4116B | 0.55 | 13.97 | 0.71 | 18.03 | S4154F | 0.79 | 20.07 | 0.97 | 24.64 | | | | | |
| 6 | 0.31 | 7.87 | 0.28 | 7.11 | S4116S | S4116SB | 0.45 | 11.43 | 0.61 | 15.49 | S4154SF | 0.72 | 18.29 | 0.9 | 22.86 | XS2404SN | 0.71 | 18.03 | 0.9 | 22.86 |
| 8 | 0.31 | 7.87 | 0.28 | 7.11 | S4117 | S4117B | 0.55 | 13.97 | 0.71 | 18.03 | S4155F | 0.79 | 20.07 | 0.97 | 24.64 | | | | | |
| 8 | 0.31 | 7.87 | 0.28 | 7.11 | S4117S | S4117SB | 0.45 | 11.43 | 0.61 | 15.49 | S4155SF | 0.72 | 18.29 | 0.9 | 22.86 | XS2053SN | 0.71 | 18.03 | 0.9 | 22.86 |
| 10 | 0.31 | 7.87 | 0.28 | 7.11 | S4118 | S4118B | 0.55 | 13.97 | 0.71 | 18.03 | S4156F | 0.79 | 20.07 | 0.97 | 24.64 | | | | | |
| 10 | 0.31 | 7.87 | 0.28 | 7.11 | S4118S | S4118SB | 0.45 | 11.43 | 0.61 | 15.49 | S4156SF | 0.72 | 18.29 | 0.9 | 22.86 | XS2054SN | 0.71 | 18.03 | 0.9 | 22.86 |

Approved Hand Tool

H4A

H4A

H7B & H53

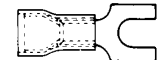
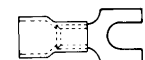
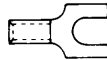
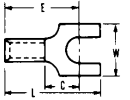
H7B & H53

* H53 for short barrel, H53L for long barrel

22/16 Block Spades

CMA Range 509-3260

Barrel Inside Diameter .059" / 1.5 mm



Material: COPPER Thickness: .030" / .762 mm
Non-Insulated

Insulated (Red Vinyl)
Insulated Diameter .160" / 4.06 mm

Insulated (Red Nylon)
Insulated Diameter .146" / 3.71 mm

| Stud Size | Basic Dimensions | | | | NIT | | Non-Insulated | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | |
|-----------|------------------|------|-------|------|----------|------------|---------------|-------|-------|-------|-----------------------|-------|-------|-------|-----------------------|-------------|-------|-------|-------|-------|
| | W in. | W mm | C in. | C mm | NIT | NIT Brazed | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
| 6 | 0.3 | 7.62 | 0.19 | 4.83 | BS41162 | BS41162B | 0.46 | 11.68 | 0.58 | 14.73 | BS41542F | 0.7 | 17.78 | 0.84 | 21.34 | | | | | |
| 6 | 0.3 | 7.62 | 0.19 | 4.83 | BS41162S | BS41162SB | 0.36 | 9.14 | 0.48 | 12.19 | BS41542SF | 0.63 | 16 | 0.77 | 19.56 | XBS24042SN | 0.62 | 15.75 | 0.77 | 19.56 |
| 6 | 0.24 | 6.1 | 0.32 | 8.13 | BS41163 | BS41163B | 0.59 | 14.99 | 0.72 | 18.29 | BS41543F | 0.83 | 21.08 | 0.99 | 25.15 | | | | | |
| 6 | 0.24 | 6.1 | 0.32 | 8.13 | BS41163S | BS41163SB | 0.49 | 12.45 | 0.63 | 16 | BS41543SF | 0.76 | 19.3 | 0.92 | 23.37 | XBS24043SN | 0.75 | 19.05 | 0.92 | 23.37 |
| 8 | 0.3 | 7.62 | 0.19 | 4.83 | BS41172 | BS41172B | 0.46 | 11.68 | 0.58 | 14.73 | BS41552F | 0.7 | 17.78 | 0.84 | 21.34 | | | | | |
| 8 | 0.3 | 7.62 | 0.19 | 4.83 | BS41172S | BS41172SB | 0.36 | 9.14 | 0.48 | 12.19 | BS41552SF | 0.63 | 16 | 0.77 | 19.56 | XBS20532SN | 0.62 | 15.75 | 0.77 | 19.56 |
| 10 | 0.3 | 7.62 | 0.19 | 4.83 | BS41182 | BS41182B | 0.46 | 11.68 | 0.58 | 14.73 | BS41562F | 0.7 | 17.78 | 0.84 | 21.34 | | | | | |
| 10 | 0.3 | 7.62 | 0.19 | 4.83 | BS41182S | BS41182SB | 0.36 | 9.14 | 0.48 | 12.19 | BS41562SF | 0.63 | 16 | 0.77 | 19.56 | XBS20542SN | 0.62 | 15.75 | 0.77 | 19.56 |
| 10 | 0.3 | 7.62 | 0.32 | 8.13 | BS41183 | BS41183B | 0.59 | 14.99 | 0.72 | 18.29 | BS41563F | 0.83 | 21.08 | 0.99 | 25.15 | | | | | |
| 10 | 0.3 | 7.62 | 0.32 | 8.13 | BS41183S | BS41183SB | 0.49 | 12.45 | 0.63 | 16 | BS41563SF | 0.76 | 19.3 | 0.92 | 23.37 | XBS20543SN | 0.75 | 19.05 | 0.92 | 23.37 |

Approved Hand Tool

H4A

H4A

H7B & H53

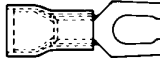
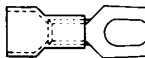
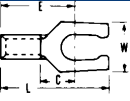
H7B & H53

* H53 for short barrel, H53L for long barrel

22/16 Spring Spades

CMA Range 509-3260

Barrel Inside Diameter .059" / 1.5 mm



Material: COPPER ALLOY Thickness: .030" / .762 mm

Insulated (Red Vinyl)
Insulated Diameter .160" / 4.06 mm

Insulated (Red Nylon)
Insulated Diameter .146" / 3.71 mm

| Stud Size | Basic Dimensions | | | | NIT | | Non-Insulated | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | |
|-----------|------------------|------|-------|------|----------|------------|---------------|-------|-------|-------|-----------------------|-------|-------|-------|-----------------------|-------------|-------|-------|-------|-------|
| | W in. | W mm | C in. | C mm | NIT | NIT Brazed | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
| 6 | 0.25 | 6.35 | 0.26 | 6.60 | SS20923S | | 0.43 | 10.92 | 0.67 | 17.02 | SS20927SF | 0.73 | 18.54 | 0.96 | 24.38 | XSS20937SN | 0.72 | 18.29 | 0.95 | 24.13 |
| 6 | 0.28 | 7.11 | 0.26 | 6.60 | SS20924S | | 0.43 | 10.92 | 0.67 | 17.02 | SS20928SF | 0.73 | 18.54 | 0.96 | 24.38 | XSS20938SN | 0.72 | 18.29 | 0.95 | 24.13 |
| 8 | 0.28 | 7.11 | 0.26 | 6.60 | SS20925S | | 0.43 | 10.92 | 0.67 | 17.02 | SS20929SF | 0.73 | 18.54 | 0.96 | 24.38 | XSS20939SN | 0.72 | 18.29 | 0.95 | 24.13 |
| 10 | 0.33 | 8.38 | 0.26 | 6.60 | SS20926S | | 0.43 | 10.92 | 0.67 | 17.02 | SS20930SF | 0.73 | 18.54 | 0.96 | 24.38 | XSS20940SN | 0.72 | 18.29 | 0.95 | 24.13 |

Approved Hand Tool

H4A

H7B & H53

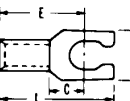
H7B & H53

* H53 for short barrel, H53L for long barrel

22/16 Mini Spring Spades

CMA Range 509-3260

Barrel Inside Diameter .059" / 1.5 mm



Material: COPPER ALLOY Thickness: .030" / .762 mm

Insulated (Red Vinyl)
Insulated Diameter .160" / 4.06 mm

Insulated (Red Nylon)
Insulated Diameter .146" / 3.71 mm

| Stud Size | Basic Dimensions | | | | NIT | | Non-Insulated | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | |
|-----------|------------------|------|-------|------|---------|------------|---------------|-------|-------|-------|-----------------------|-------|-------|-------|-----------------------|-------------|-------|-------|-------|-------|
| | W in. | W mm | C in. | C mm | NIT | NIT Brazed | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
| 5 | 0.25 | 6.35 | 0.26 | 6.60 | SS22466 | | 0.43 | 10.92 | 0.56 | 14.22 | SS22496F | 0.73 | 18.54 | 0.85 | 21.59 | XSS22506N | 0.72 | 18.29 | 0.84 | 21.34 |
| 6 | 0.26 | 6.35 | 0.26 | 6.60 | SS22467 | | 0.43 | 10.92 | 0.56 | 14.22 | SS22497F | 0.73 | 18.54 | 0.85 | 21.59 | XSS22507N | 0.72 | 18.29 | 0.83 | 21.01 |
| 8 | 0.28 | 7.11 | 0.26 | 6.60 | SS22468 | | 0.43 | 10.92 | 0.56 | 14.22 | SS22498F | 0.73 | 18.54 | 0.85 | 21.59 | XSS22508N | 0.72 | 18.29 | 0.84 | 21.34 |
| 10 | 0.33 | 8.38 | 0.26 | 6.60 | SS22469 | | 0.43 | 10.92 | 0.60 | 15.24 | SS22499F | 0.73 | 18.54 | 0.89 | 22.61 | XSS22509N | 0.72 | 18.29 | 0.88 | 22.35 |

Approved Hand Tool

H4A

H7B & H53

H7B & H53

ALL Terminals on this page available on tape and and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).
Standard Barrel configurations shown – customized configurations available.



Most terminals available tape mounted.
Consult Electro-Term/Hollingsworth with your specifications.

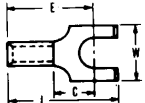


www.hollingsworth.com 800.638.8376

22/16 Flanged Spades

CMA Range 509-3260

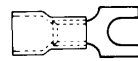
Barrel Inside Diameter .059"/ 1.5 mm



Basic Dimensions



Material: COPPER Thickness: .030"/.762 mm
Non-Insulated



Insulated (Red Vinyl)
Insulated Diameter .160"/4.06 mm



Insulated (Red Nylon)
Insulated Diameter .146"/3.71 mm

| Stud Size | W in. | W mm | C in. | C mm | Non-Insulated | | Non-Insulated | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | |
|-----------|-------|------|-------|------|---------------|------------|---------------|-------|-------|-------|-----------------------|-------|-------|-------|-----------------------|-------------|-------|-------|-------|-------|
| | | | | | NIT | NIT Brazed | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
| 2 | .18 | 4.57 | .19 | 4.83 | SF20746 | SF20746B | .46 | 11.68 | .60 | 15.24 | SF20740F | .70 | 17.78 | .87 | 22.10 | | | | | |
| 2 | .18 | 4.57 | .19 | 4.83 | SF20746S | SF20746SB | .36 | 9.14 | .51 | 12.95 | SF20740SF | .63 | 16.00 | .80 | 20.32 | XSF2559SN | .62 | 15.75 | .80 | 20.32 |
| 2 | .29 | 7.37 | .19 | 4.83 | SF20747 | SF20747B | .46 | 11.68 | .60 | 15.24 | SF20741F | .70 | 17.78 | .87 | 22.10 | | | | | |
| 2 | .29 | 7.37 | .19 | 4.83 | SF20747S | SF20747SB | .36 | 9.14 | .51 | 12.95 | SF20741SF | .63 | 16.00 | .80 | 20.32 | XSF2560SN | .62 | 15.75 | .80 | 20.32 |
| 4 | .29 | 7.37 | .19 | 4.83 | SF20748 | SF20748B | .46 | 11.68 | .60 | 15.24 | SF20742F | .70 | 17.78 | .87 | 22.10 | | | | | |
| 4 | .29 | 7.37 | .19 | 4.83 | SF20748S | SF20748SB | .36 | 9.14 | .51 | 12.95 | SF20742SF | .63 | 16.00 | .80 | 20.32 | XSF2561SN | .62 | 15.75 | .80 | 20.32 |
| 6 | .29 | 7.37 | .19 | 4.83 | SF20749 | SF20749B | .46 | 11.68 | .60 | 15.24 | SF20752F | .70 | 17.78 | .87 | 22.10 | | | | | |
| 6 | .29 | 7.37 | .19 | 4.83 | SF20749S | SF20749SB | .36 | 9.14 | .51 | 12.95 | SF20752SF | .63 | 16.00 | .80 | 20.32 | XSF2562SN | .62 | 15.75 | .80 | 20.32 |
| 8 | .29 | 7.37 | .19 | 4.83 | SF20750 | SF20750B | .46 | 11.68 | .60 | 15.24 | SF20753F | .70 | 17.78 | .87 | 22.10 | | | | | |
| 8 | .29 | 7.37 | .19 | 4.83 | SF20750S | SF20750SB | .36 | 9.14 | .51 | 12.95 | SF20753SF | .63 | 16.00 | .80 | 20.32 | XSF2498SN | .62 | 15.75 | .80 | 20.32 |

Approved Hand Tool

H4A H4A

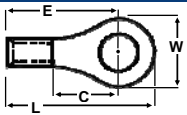
H7B & H53* H53 for short barrel, H53L for long

H7B & H53

20/16 Rings, Heavy Duty

CMA Range 1290-3260

Barrel Inside Diameter .065"/ 1.65 mm



Basic Dimensions

Material: COPPER
Thickness: .040" / 1.02 mm



Non-Insulated

| Stud Size | W in. | W mm | C in. | C mm | Non-Insulated | | Non-Insulated | | | |
|-----------|-------|-------|-------|------|---------------|-------|---------------|-------|-------|--|
| | | | | | NIT Brazed | E in. | E mm | L in. | L mm | |
| 1/4 | .47 | 11.94 | .32 | 8.13 | HDR1339B | .50 | 12.70 | .74 | 18.80 | |

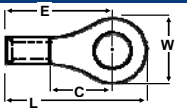
Approved Hand Tool

H4A

16/14 Rings

CMA Range 2050-5180

Barrel Inside Diameter .085"/ 2.16 mm



Basic Dimensions

Material: COPPER Thickness: .032" / .813 mm



Non-Insulated



Insulated (Blue Vinyl)
Insulated Diameter .198"/ 5.03 mm



Insulated (Blue Nylon)
Insulated Diameter .178"/ 4.52 mm

| Stud Size | W in. | W mm | C in. | C mm | Non-Insulated | | Non-Insulated | | | | Insulated (Blue Vinyl) | | | | Insulated (Blue Nylon) | | | | | |
|-----------|-------|-------|-------|-------|---------------|------------|---------------|-------|-------|-------|------------------------|-------|-------|-------|------------------------|-------------|-------|-------|-------|-------|
| | | | | | NIT | NIT Brazed | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
| 2 | .25 | 6.35 | .16 | 4.06 | | R3301B | .43 | 10.92 | .55 | 13.97 | | | | | | | | | | |
| 4 | .25 | 6.35 | .16 | 4.06 | R4119 | R4119B | .43 | 10.92 | .55 | 13.97 | | | | | | | | | | |
| 4 | .25 | 6.35 | .16 | 4.06 | R4119S | R4119SB | .33 | 8.38 | .45 | 11.43 | | | | | XR2441SN | .62 | 15.75 | .74 | 18.80 | |
| 6 | .25 | 6.35 | .16 | 4.06 | R4120 | R4120B | .43 | 10.92 | .55 | 13.97 | R4158F | .70 | 17.78 | .82 | 20.83 | | | | | |
| 6 | .25 | 6.35 | .16 | 4.06 | R4120S | R4120SB | .33 | 8.38 | .45 | 11.43 | R4158SF | .62 | 15.75 | .74 | 18.80 | XR2442SN | .62 | 15.75 | .74 | 18.80 |
| 6 | .25 | 6.35 | .37 | 9.40 | R61002G | R61002GB | .64 | 16.26 | .77 | 19.56 | R61005GF | .92 | 23.37 | 1.04 | 26.42 | | | | | |
| 6 | .25 | 6.35 | .37 | 9.40 | R61002GS | R61002GSB | .55 | 13.97 | .67 | 17.02 | R61005GSF | .84 | 21.34 | .96 | 24.38 | XR61006GSN | .84 | 21.34 | .96 | 24.38 |
| 6 | .31 | 7.87 | .28 | 7.11 | R4121 | R4121B | .55 | 13.97 | .71 | 18.03 | R4159F | .83 | 21.08 | .96 | 24.38 | | | | | |
| 6 | .31 | 7.87 | .28 | 7.11 | R4121S | R4121SB | .46 | 11.68 | .62 | 15.75 | R4159SF | .75 | 19.05 | .91 | 23.11 | XR1901SN | .75 | 19.05 | .91 | 23.11 |
| 6 | .31 | 7.87 | .37 | 9.40 | R4121G | R4121GB | .64 | 16.26 | .80 | 20.32 | R4159GF | .92 | 23.37 | 1.07 | 27.18 | | | | | |
| 6 | .31 | 7.87 | .37 | 9.40 | R4121GS | R4121GSB | .55 | 13.97 | .70 | 17.78 | R4159GSF | .84 | 21.34 | .99 | 25.15 | XR1901GSN | .84 | 21.34 | .99 | 25.15 |
| 8 | .31 | 7.87 | .28 | 7.11 | R4122 | R4122B | .55 | 13.97 | .71 | 18.03 | R4160F | .83 | 21.08 | .99 | 25.15 | | | | | |
| 8 | .31 | 7.87 | .28 | 7.11 | R4122S | R4122SB | .46 | 11.68 | .62 | 15.75 | R4160SF | .75 | 19.05 | .91 | 23.11 | XR1902SN | .75 | 19.05 | .91 | 23.11 |
| 8 | .31 | 7.87 | .37 | 9.40 | R4122G | | .64 | 16.26 | .80 | 20.32 | R4160GF | .92 | 23.37 | 1.07 | 27.18 | | | | | |
| 8 | .31 | 7.87 | .37 | 9.40 | R4122GS | | .55 | 13.97 | .70 | 17.78 | R4160GSF | .84 | 21.34 | .99 | 25.15 | XR1902GSN | .84 | 21.34 | .99 | 25.15 |
| 10 | .31 | 7.87 | .28 | 7.11 | R4123 | R4123B | .55 | 13.97 | .71 | 18.03 | R4161F | .83 | 21.08 | .99 | 25.15 | | | | | |
| 10 | .31 | 7.87 | .28 | 7.11 | R4123S | R4123SB | .46 | 11.68 | .62 | 15.75 | R4161SF | .75 | 19.05 | .91 | 23.11 | XR1903SN | .75 | 19.05 | .91 | 23.11 |
| 10 | .31 | 7.87 | .37 | 9.40 | R4123G | R4123GB | .64 | 16.26 | .80 | 20.32 | R4161GF | .92 | 23.37 | 1.07 | 27.18 | | | | | |
| 10 | .31 | 7.87 | .37 | 9.40 | R4123GS | R4123GSB | .55 | 13.97 | .70 | 17.78 | R4161GSF | .84 | 21.34 | .99 | 25.15 | XR1903GSN | .84 | 21.34 | .99 | 25.15 |
| 1/4 | .46 | 11.68 | .44 | 11.18 | R4124 | R4124B | .71 | 18.03 | .94 | 23.88 | R4162F | .98 | 24.89 | 1.21 | 30.73 | | | | | |
| 1/4 | .46 | 11.68 | .44 | 11.18 | R4124S | R4124SB | .61 | 15.49 | .84 | 21.34 | R4162SF | .90 | 22.86 | 1.13 | 28.70 | XR1906SN | .90 | 22.86 | 1.13 | 28.70 |
| 5/16 | .46 | 11.68 | .44 | 11.18 | R4125 | R4125B | .71 | 18.03 | .94 | 23.88 | R4163F | .98 | 24.89 | 1.21 | 30.73 | | | | | |
| 5/16 | .46 | 11.68 | .44 | 11.18 | R4125S | R4125SB | .61 | 15.49 | .84 | 21.34 | R4163SF | .90 | 22.86 | 1.13 | 28.70 | XR1907SN | .90 | 22.86 | 1.13 | 28.70 |
| 3/8 | .53 | 13.46 | .44 | 11.18 | R4126 | R4126B | .71 | 18.03 | .97 | 24.64 | R4164F | .98 | 24.89 | 1.25 | 31.75 | | | | | |
| 3/8 | .53 | 13.46 | .44 | 11.18 | R4126S | R4126SB | .61 | 15.49 | .88 | 22.35 | R4164SF | .90 | 22.86 | 1.17 | 29.72 | XR1908SN | .90 | 22.86 | 1.17 | 29.72 |

Approved Hand Tool

H4A H4A

H7B & H53* H53 for short barrel, H53L for long

H7B & H53

ALL Terminals on this page are available on tape and are and certified when used with approved tooling (includes Hollingsworth Automatic Terminal Crimp Presses).

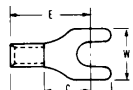
Standard Barrel configurations shown – special or customized configurations available.



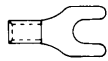
16/14 Spades

CMA Range 2050-5180

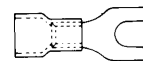
Barrel Inside Diameter .085" / 2.16 mm



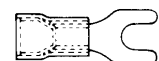
Basic Dimensions



Material: COPPER Thickness: .032" / .813 mm
Non-Insulated



Insulated (Blue Vinyl)
Insulated Diameter .198" / 5.03 mm



Insulated (Blue Nylon)
Insulated Diameter .178" / 4.52 mm

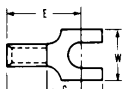
| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
|-----------|-------|------|-------|------|--------|---------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|
| | | | | | S4127 | S4127B | | | | | | | | | | | | | | |
| 6 | .38 | 9.65 | .28 | 7.11 | S4127 | S4127B | .55 | 13.97 | .74 | 18.80 | S4165F | .80 | 20.32 | 1.01 | 25.65 | | | | | |
| 6 | .38 | 9.65 | .28 | 7.11 | S4127S | S4127SB | .45 | 11.43 | .64 | 16.26 | S4165SF | .72 | 18.29 | .93 | 23.62 | XS2058SN | .71 | 18.03 | .93 | 23.62 |
| 8 | .38 | 9.65 | .28 | 7.11 | S4128 | S4128B | .55 | 13.97 | .74 | 18.80 | S4166F | .80 | 20.32 | 1.01 | 25.65 | | | | | |
| 8 | .38 | 9.65 | .28 | 7.11 | S4128S | S4128SB | .45 | 11.43 | .64 | 16.26 | S4166SF | .72 | 18.29 | .93 | 23.62 | XS2059SN | .71 | 18.03 | .93 | 23.62 |
| 10 | .38 | 9.65 | .28 | 7.11 | S4129 | S4129B | .55 | 13.97 | .74 | 18.80 | S4167F | .80 | 20.32 | 1.01 | 25.65 | | | | | |
| 10 | .38 | 9.65 | .28 | 7.11 | S4129S | S4129SB | .45 | 11.43 | .64 | 16.26 | S4167SF | .72 | 18.29 | .93 | 23.62 | XS2060SN | .71 | 18.03 | .93 | 23.62 |

Approved Hand Tool H4A H4A H7B & H53* H53 for short barrel, H53L for long H7B & H53

16/14 Block Spades

CMA Range 2050-5180

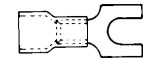
Barrel Inside Diameter .085" / 2.16 mm



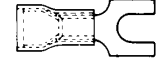
Basic Dimensions



Material: COPPER Thickness: .030" / .762 mm
Non-Insulated



Insulated (Blue Vinyl)
Insulated Diameter .198" / 5.03 mm



Insulated (Blue Nylon)
Insulated Diameter .178" / 4.52 mm

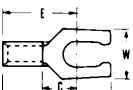
| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|------|-------|------|----------|-----------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|----------|-----------|---------|----------|----------|-----------|---------|----------|----------|-----------|---------|----------|----------|-----------|---------|----------|----------|-----------|---------|----------|----------|
| | | | | | BS41270 | BS41270B | | | | | | | | | | | | | | | BS41270S | BS41270SB | BS41272 | BS41272B | BS41272S | BS41272SB | BS41273 | BS41273B | BS41273S | BS41273SB | BS41282 | BS41282B | BS41282S | BS41282SB | BS41278 | BS41278B | BS41278S | BS41278SB | BS41292 | BS41292B | BS41292S |
| 4 | .22 | 5.59 | .38 | 9.65 | BS41270 | BS41270B | .64 | 16.26 | .76 | 19.30 | BS41650F | .90 | 22.86 | 1.04 | 26.42 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .22 | 5.59 | .38 | 9.65 | BS41270S | BS41270SB | .55 | 13.97 | .67 | 17.02 | BS41650SF | .82 | 20.83 | .96 | 24.38 | XBS20579SN | .81 | 20.57 | 0.95 | 24.13 | | | | | | | | | | | | | | | | | | | | | |
| 6 | .30 | 7.62 | .19 | 4.83 | BS41272 | BS41272B | .46 | 11.68 | .58 | 14.73 | BS41652F | .71 | 18.03 | .85 | 21.59 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .30 | 7.62 | .19 | 4.83 | BS41272S | BS41272SB | .36 | 9.14 | .48 | 12.19 | BS41652SF | .63 | 16.00 | .77 | 19.56 | XBS20582SN | .62 | 15.75 | 0.76 | 19.30 | | | | | | | | | | | | | | | | | | | | | |
| 6 | .25 | 6.35 | .38 | 9.65 | BS41273 | BS41273B | .64 | 16.26 | .83 | 21.08 | BS41653F | .90 | 22.86 | 1.10 | 27.94 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .25 | 6.35 | .38 | 9.65 | BS41273S | BS41273SB | .55 | 13.97 | .73 | 18.54 | BS41653SF | .82 | 20.83 | 1.02 | 25.91 | XBS20583SN | .81 | 20.57 | 1.01 | 25.65 | | | | | | | | | | | | | | | | | | | | | |
| 8 | .30 | 7.62 | .19 | 4.83 | BS41282 | BS41282B | .46 | 11.68 | .58 | 14.73 | BS41662F | .71 | 18.03 | .85 | 21.59 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | .30 | 7.62 | .19 | 4.83 | BS41282S | BS41282SB | .36 | 9.14 | .48 | 12.19 | BS41662SF | .63 | 16.00 | .77 | 19.56 | XBS20592SN | .62 | 15.75 | 0.76 | 19.30 | | | | | | | | | | | | | | | | | | | | | |
| 10 | .31 | 7.87 | .38 | 9.65 | BS41278 | BS41278B | .64 | 16.26 | .90 | 22.86 | BS41658F | .90 | 22.86 | 1.17 | 29.72 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | .31 | 7.87 | .38 | 9.65 | BS41278S | BS41278SB | .55 | 13.97 | .80 | 20.32 | BS41658SF | .82 | 20.83 | 1.09 | 27.69 | XBS20588SN† | .81 | 20.57 | 1.08 | 27.43 | | | | | | | | | | | | | | | | | | | | | |
| 10 | .30 | 7.62 | .19 | 4.83 | BS41292 | BS41292B | .46 | 11.68 | .58 | 14.73 | BS41672F | .71 | 18.03 | .85 | 21.59 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | .30 | 7.62 | .19 | 4.83 | BS41292S | BS41292SB | .36 | 9.14 | .48 | 12.19 | BS41672SF | .63 | 16.00 | .77 | 19.56 | XBS20602SN | .62 | 15.75 | 0.76 | 19.30 | | | | | | | | | | | | | | | | | | | | | |

Approved Hand Tool H4A H4A H7B & H53* H53 for short barrel, H53L for long H7B & H53

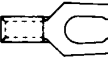
16/14 Spring Spades

CMA Range 2050-5180

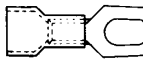
Barrel Inside Diameter .085" / 2.16 mm



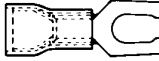
Basic Dimensions



Material: COPPER ALLOY Thickness: .030" / .762 mm
Non-Insulated



Insulated (Blue Vinyl)
Insulated Diameter .198" / 5.03 mm



Insulated (Blue Nylon)
Insulated Diameter .178" / 4.52 mm

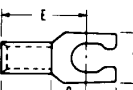
| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
|-----------|-------|------|-------|------|----------|----------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|
| | | | | | SS20889S | SS20890S | | | | | | | | | | | | | | |
| 6 | .28 | 7.11 | .26 | 6.60 | SS20889S | | .43 | 10.92 | .67 | 17.02 | SS20947SF | .70 | 17.78 | .96 | 24.38 | XSS20954SN | .69 | 17.53 | .95 | 24.13 |
| 8 | .28 | 7.11 | .26 | 6.60 | SS20890S | | .43 | 10.92 | .67 | 17.02 | SS20948SF | .70 | 17.78 | .96 | 24.38 | XSS20955SN | .69 | 17.53 | .95 | 24.13 |
| 10 | .33 | 8.38 | .26 | 6.60 | SS20891S | | .43 | 10.92 | .67 | 17.02 | SS20949SF | .70 | 17.78 | .96 | 24.38 | XSS20956SN | .69 | 17.53 | .95 | 24.13 |

Approved Hand Tool H4A H4A H7B & H53 H7B & H53

16/14 Mini Spring Spades

CMA Range 2050-5180

Barrel Inside Diameter .085" / 2.16 mm



Basic Dimensions



Material: COPPER ALLOY Thickness: .030" / .762 mm
Non-Insulated



Insulated (Blue Vinyl)
Insulated Diameter .198" / 5.03 mm



Insulated (Blue Nylon)
Insulated Diameter .178" / 4.52 mm

| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | E in. | E mm | L in. | L mm | Funnel FIIG | E in. | E mm | L in. | L mm |
|-----------|-------|------|-------|------|---------|---------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|
| | | | | | SS22470 | SS22471 | | | | | | | | | | | | | | |
| 5 | .25 | 6.35 | .26 | 6.60 | SS22470 | | .43 | 10.92 | .56 | 14.22 | SS22530F | .70 | 17.78 | .85 | 21.59 | XSS22540N | .69 | 17.53 | .84 | 21.34 |
| 6 | .25 | 6.35 | .26 | 6.60 | SS22471 | | .43 | 10.92 | .56 | 14.22 | SS22531F | .70 | 17.78 | .85 | 21.59 | XSS22541N | .69 | 17.53 | .84 | 21.34 |
| 8 | .28 | 7.11 | .26 | 6.60 | SS22472 | | .43 | 10.92 | .56 | 14.22 | SS22532F | .70 | 17.78 | .85 | 21.59 | XSS22542N | .69 | 17.53 | .84 | 21.34 |
| 10 | .33 | 8.38 | .26 | 6.60 | SS22473 | | .43 | 10.92 | .60 | 15.24 | SS22533F | .70 | 17.78 | .89 | 22.61 | XSS22543N | .69 | 17.53 | .88 | 22.35 |

Approved Hand Tool H4A H4A H7B & H53 H7B & H53

ALL Terminals on this page available on tape and and certified when used with approved tooling (includes Hollingsworth Automatic Crimp Presses).

Standard Barrel configurations shown – customized configurations available.



Most terminals available tape mounted. Consult Electro-Term/Hollingsworth with your specifications.

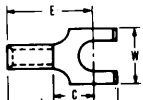


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16/14 Flanged Spades

CMA Range 2050-5180

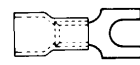
Barrel Inside Diameter .085" / 2.16 mm



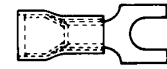
Basic Dimensions



Material: COPPER Thickness: .032" / .813 mm
Non-Insulated



Insulated (Blue Vinyl)
Insulated Diameter .198" / 5.03 mm



Insulated (Blue Nylon)
Insulated Diameter .178" / 4.52 mm

| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|-----------|-------|------|-------|------|----------|------------|-------|------|-------|-------|------------|-----|-------|-----|-------------|------------|-----|-------|-----|-------|
| | | | | | | NIT Brazed | | | | | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| 6 | .29 | 7.37 | .19 | 4.83 | SF20855S | SF20855SB | .36 | 9.14 | .51 | 12.95 | SF20858SF | .63 | 16.00 | .80 | 20.32 | XSF20861SN | .62 | 15.75 | .79 | 20.07 |
| 8 | .329 | 7.37 | .19 | 4.83 | SF20856S | SF20856SB | .36 | 9.14 | .51 | 12.95 | SF20859SF | .63 | 16.00 | .80 | 20.32 | XSF20862SN | .62 | 15.75 | .79 | 20.07 |

Approved Hand Tool

H4A

H4A

H7B & H53

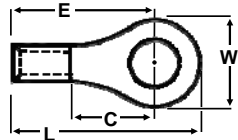
H7B & H53

* H53 for short barrel, H53L for long barrel

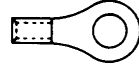
16/14 Rings – Heavy Duty

CMA Range 2050-5180

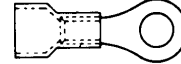
Barrel Inside Diameter .110" / 2.79 mm



Basic Dimensions



Material: COPPER Thickness: .049" / 1.24 mm
Non-Insulated



Insulated (Yellow with Black Dot)
(Vinyl) Insulated Diameter .265" / 6.73 (Nylon) Insulated Diameter .239" / 6.07

| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|-----------|-------|-------|-------|------|-------|------------|-------|-------|-------|-------|------------|-----|-------|------|-------------|---------|-----|-------|------|-------|
| | | | | | | NIT Brazed | | | | | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| 6 | .25 | 6.35 | .28 | 7.11 | HDR12 | HDR12B | .55 | 13.97 | .67 | 17.02 | HDR27F | .89 | 22.61 | 1.01 | 25.65 | XHDR67N | .90 | 22.86 | 1.02 | 25.91 |
| 6 | .35 | 8.89 | .28 | 7.11 | HDR21 | | .55 | 13.97 | .73 | 18.54 | | | | | | XHDR61N | .90 | 22.86 | 1.08 | 27.43 |
| 10 | .38 | 8.89 | .28 | 7.11 | HDR23 | HDR23B | .55 | 13.97 | .73 | 18.54 | HDR33F | .89 | 22.61 | 1.06 | 26.92 | XHDR63N | .90 | 22.86 | 1.08 | 27.43 |
| 1/4 | .48 | 12.19 | .36 | 9.14 | HDR24 | HDR24B | .63 | 16.00 | .87 | 22.10 | HDR34F | .96 | 24.38 | 1.20 | 30.48 | XHDR64N | .98 | 24.89 | 1.22 | 30.99 |

Approved Hand Tool

H4A

H4A

H6E & H53

H6E & H53

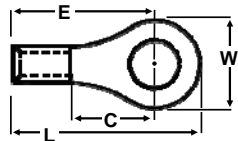
▲ For Brazed Barrel, change suffix to BF

* H53 for short barrel, H53L for long barrel

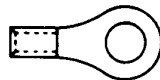
16/14 Rings - Heavy Duty (Railroad Terminals)

CMA Range 2050-5180

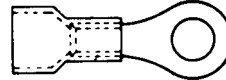
Barrel Inside Diameter .110" / 2.79 mm



Basic Dimensions



Material: COPPER Thickness: .049" / 1.24 mm
Non-Insulated



Insulated (Yellow with Black Dot)
(Vinyl) Insulated Diameter .265" / 6.73 mm (Nylon) Insulated Diameter .239" / 6.07 mm

| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|-----------|-------|-------|-------|------|---------|------------|-------|-------|-------|-------|------------|-----|-------|------|-------------|-----------|-----|-------|------|-------|
| | | | | | | NIT Brazed | | | | | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| 10 | .53 | 13.46 | .37 | 9.40 | HDR1361 | HDR1361B | .64 | 16.26 | .90 | 22.86 | HDR1374BF | .95 | 24.13 | 1.21 | 30.73 | XHDR1380N | .97 | 24.64 | 1.23 | 31.24 |
| 1/4 | .53 | 13.46 | .37 | 9.40 | HDR1362 | HDR1362B | .64 | 16.26 | .90 | 22.86 | HDR1375BF | .95 | 24.13 | 1.21 | 30.73 | | | | | |
| 5/16 | .53 | 13.46 | .37 | 9.40 | HDR1363 | HDR1363B | .64 | 16.26 | .90 | 22.86 | HDR1376BF | .95 | 24.13 | 1.21 | 30.73 | XHDR1382N | .97 | 24.64 | 1.23 | 31.24 |

Approved Hand Tool

H4A

H4A

H6E & H53

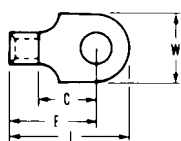
H6E & H53

* H53 for short barrel, H53L for long barrel

14/12 Rings

CMA Range 3260-8230

Barrel Inside Diameter .094" / 2.39 mm



Basic Dimensions



Material: COPPER Thickness: .040" / 1.02 mm
Non-Insulated

| Stud Size | W in. | W mm | C in. | C mm | NIT Brazed | | E in. | E mm | L in. | L mm |
|-----------|-------|-------|-------|------|------------|--|-------|-------|-------|-------|
| | | | | | | | | | | |
| 10 | .31 | 7.87 | .34 | 8.64 | R441210B | | .51 | 12.95 | .67 | 17.02 |
| 10 | .31 | 10.67 | .34 | 8.64 | R141210B | | .51 | 12.95 | .73 | 18.54 |
| 1/4 | .42 | 10.67 | .34 | 8.64 | R141214B | | .51 | 12.95 | .73 | 18.54 |

Approved Hand Tool

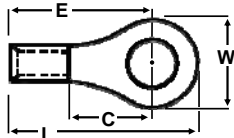
H4A

ALL Terminals on this page available on tape and and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses). Standard Barrel configurations shown – customized configurations available.



12/10 Rings

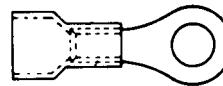
CMA Range 5180-13,100 Barrel Inside Diameter .129" / 3.27 mm



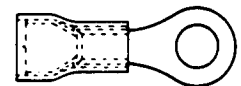
Basic Dimensions



Material: COPPER Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm



Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

| Stud Size | W | | C | | NIT | NIT Brazed | | E | | L | | Funnel FIT | E | | L | | Funnel FIIG | E | | L | |
|-----------|-----|-------|-----|-------|-------|------------|-----|-------|------|-------|--------|------------|-------|------|-------|---------|-------------|-------|------|-------|----|
| | in. | mm | in. | mm | | in. | mm | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm |
| 4 | .28 | 7.11 | .27 | 6.86 | R3454 | R3454B | .54 | 13.72 | .68 | 17.27 | R4182F | .88 | 22.35 | 1.02 | 25.91 | XR5105N | .89 | 22.61 | 1.03 | 26.16 | |
| 6 | .28 | 7.11 | .27 | 6.86 | R3455 | R3455B | .54 | 13.72 | .68 | 17.27 | R4183F | .88 | 22.35 | 1.02 | 25.91 | XR5106N | .89 | 22.61 | 1.03 | 26.16 | |
| 6 | .31 | 7.87 | .27 | 6.86 | R3453 | R3453B | .54 | 13.72 | .70 | 17.78 | R4188F | .87 | 22.10 | 1.03 | 26.16 | XR5118N | .88 | 22.35 | 1.04 | 26.42 | |
| 6 | .37 | 9.40 | .28 | 7.11 | R3456 | R3456B | .56 | 14.22 | .74 | 18.80 | R4168F | .88 | 22.35 | 1.07 | 27.18 | XR5107N | .90 | 22.86 | 1.09 | 27.69 | |
| 8 | .28 | 7.11 | .27 | 6.86 | R3452 | R3452B | .54 | 13.72 | .68 | 17.27 | R4189F | .88 | 22.35 | 1.02 | 25.91 | XR5113N | .89 | 22.61 | 1.03 | 26.16 | |
| 8 | .37 | 9.40 | .28 | 7.11 | R2994 | R2994B | .56 | 14.22 | .74 | 18.80 | R4169F | .88 | 22.35 | 1.07 | 27.18 | XR5108N | .90 | 22.86 | 1.09 | 27.69 | |
| 10 | .37 | 9.40 | .28 | 7.11 | R3457 | R3457B | .56 | 14.22 | .74 | 18.80 | R4170F | .88 | 22.35 | 1.07 | 27.18 | XR5109N | .90 | 22.86 | 1.09 | 27.69 | |
| 1/4 | .52 | 13.21 | .47 | 11.94 | R3458 | R3458B | .75 | 19.05 | 1.01 | 25.65 | R4171F | 1.07 | 27.18 | 1.33 | 33.78 | XR5110N | 1.09 | 27.69 | 1.35 | 34.29 | |
| 5/16 | .52 | 13.21 | .47 | 11.94 | R3459 | R3459B | .75 | 19.05 | 1.01 | 25.65 | R4172F | 1.07 | 27.18 | 1.33 | 33.78 | XR5111N | 1.09 | 27.69 | 1.35 | 34.29 | |
| 3/8 | .59 | 14.99 | .50 | 12.70 | R3220 | R3220B | .78 | 19.81 | 1.07 | 27.18 | R4173F | 1.10 | 27.94 | 1.39 | 35.31 | XR5112N | 1.12 | 28.45 | 1.41 | 35.81 | |
| 7/16 | .71 | 18.03 | .50 | 12.70 | R3222 | R3222B | .78 | 19.81 | 1.13 | 28.70 | R4178F | 1.10 | 27.94 | 1.46 | 37.08 | XR5114N | 1.12 | 28.45 | 1.47 | 37.34 | |
| 1/2 | .71 | 18.03 | .50 | 12.70 | R3223 | R3223B | .78 | 19.81 | 1.13 | 28.70 | R4179F | 1.10 | 27.94 | 1.46 | 37.08 | XR5117N | 1.12 | 28.45 | 1.47 | 37.34 | |

Approved Hand Tool

H4A

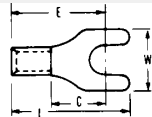
H4A

H6E & H53

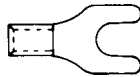
H6E & H53

12/10 Spades

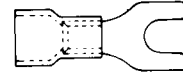
CMA Range 5180-13,100 Barrel Inside Diameter .129" / 3.27 mm



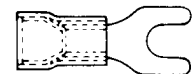
Basic Dimensions



Material: COPPER Thickness: .040"/1.02 mm Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm



Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

| Stud Size | W | | C | | NIT | NIT Brazed | | E | | L | | Funnel FIT▲ | E | | L | | Funnel FIIG | E | | L | |
|-----------|-----|------|-----|------|-------|------------|-----|-------|-----|-------|--------|-------------|-------|------|-------|---------|-------------|-------|------|-------|----|
| | in. | mm | in. | mm | | in. | mm | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm |
| 6 | .38 | 9.65 | .27 | 6.86 | S2995 | S2995B | .55 | 13.97 | .73 | 18.54 | S4174F | .87 | 22.10 | 1.07 | 27.18 | XS2587N | .86 | 21.84 | 1.06 | 26.92 | |
| 8 | .38 | 9.65 | .27 | 6.86 | S3478 | S3478B | .55 | 13.97 | .73 | 18.54 | S4175F | .87 | 22.10 | 1.07 | 27.18 | XS2588N | .86 | 21.84 | 1.06 | 26.92 | |
| 10 | .38 | 9.65 | .27 | 6.86 | S3479 | S3479B | .55 | 13.97 | .73 | 18.54 | S4176F | .87 | 22.10 | 1.07 | 27.18 | XS2589N | .86 | 21.84 | 1.06 | 26.92 | |

Approved Hand Tool

H4A

H4A

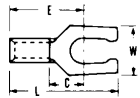
H6E & H53

H6E & H53

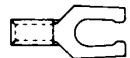
▲ For Brazed Barrel, change suffix to BF

12/10 Spring Spades

CMA Range 5180-13,100 Barrel Inside Diameter .129" / 3.27 mm



Basic Dimensions



Material: COPPER ALLOY Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm



Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

| Stud Size | W | | C | | NIT | E | | L | | Funnel FIT | E | | L | | Funnel FIIG | E | | L | |
|-----------|-----|-------|-----|------|---------|-----|-------|-----|-------|------------|-----|-------|------|-------|-------------|-----|-------|------|-------|
| | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm |
| 6 | .31 | 7.87 | .26 | 6.60 | SS20828 | .52 | 13.21 | .78 | 19.81 | SS20832F | .85 | 21.59 | 1.13 | 28.70 | XSS20836N | .85 | 21.59 | 1.12 | 28.45 |
| 8 | .31 | 7.87 | .26 | 6.60 | SS20829 | .52 | 13.21 | .78 | 19.81 | SS20833F | .85 | 21.59 | 1.13 | 28.70 | XSS20837N | .85 | 21.59 | 1.12 | 28.45 |
| 10 | .33 | 8.38 | .26 | 6.60 | SS20830 | .52 | 13.21 | .78 | 19.81 | SS20834F | .85 | 21.59 | 1.13 | 28.70 | XSS20838N | .85 | 21.59 | 1.12 | 28.45 |
| 1/4 | .45 | 11.43 | .26 | 6.60 | SS20831 | .52 | 13.21 | .78 | 19.81 | SS20815F | .85 | 21.59 | 1.13 | 28.70 | XSS20887N | .85 | 21.59 | 1.12 | 28.45 |

Approved Hand Tool

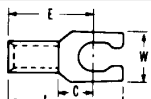
H4A

H6E & H53

H6E & H53

12/10 Mini Spring Spades

CMA Range 5180-13,100 mm Barrel Inside Diameter .129" / 3.27 mm



Basic Dimensions



Material: COPPER ALLOY Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm



Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

| Stud Size | W | | C | | NIT | E | | L | | Funnel FIT | E | | L | | Funnel FIIG | E | | L | |
|-----------|-----|------|-----|------|---------|-----|-------|------|-------|------------|-----|-------|------|-------|-------------|-----|-------|-----|-------|
| | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm | | in. | mm | in. | mm |
| 5 | .25 | 6.35 | .26 | 6.60 | SS22474 | .53 | 13.46 | 0.65 | 16.51 | SS22564F | .85 | 21.59 | 0.99 | 25.15 | XSS22574N | .85 | 21.59 | .99 | 25.15 |
| 6 | .25 | 6.35 | .26 | 6.60 | SS22475 | .53 | 13.46 | .65 | 16.51 | SS22565F | .85 | 21.59 | 0.99 | 25.15 | XSS22575N | .85 | 21.59 | .99 | 25.15 |
| 8 | .28 | 7.11 | .26 | 6.60 | SS22476 | .53 | 13.46 | .65 | 16.51 | SS22566F | .85 | 21.59 | 0.99 | 25.15 | XSS22576N | .85 | 21.59 | .99 | 25.15 |
| 10 | .33 | 8.38 | .26 | 6.60 | SS22477 | .53 | 13.46 | .70 | 17.78 | SS22567F | .85 | 21.59 | 1.05 | 26.67 | XSS22577N | .85 | 21.59 | .99 | 25.15 |

Approved Hand Tool

H4A

H6E & H53

H6E & H53

ALL Terminals on this page are and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



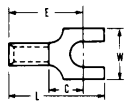
Most terminals available tape mounted.
Consult Electro-Term/Hollingsworth with your specifications.



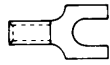
www.hollingsworth.com 800.638.8376

12/10 Block Spades

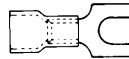
CMA Range 5180-13,1000 Barrel Inside Diameter .129" / 3.27 mm



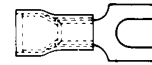
Basic Dimensions



Material: COPPER Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm

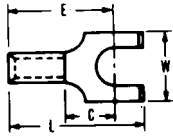


Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

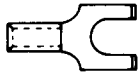
| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|--------------------|-------|------|-------|------|---------|------------|-------|-------|-------|-------|------------|-----------|-------|------|-------------|-----------|-------|-------|-------|-------|
| | | | | | NIT | NIT Brazed | | | | | E in. | E mm | L in. | L mm | E in. | E mm | L in. | L mm | E in. | E mm |
| 6 | .31 | 7.87 | .27 | 6.86 | BS29952 | BS29952B | .54 | 13.72 | .68 | 17.27 | BS41742F | .86 | 21.84 | 1.02 | 25.91 | | | | | |
| 6 | .31 | 7.87 | .27 | 6.86 | BS29953 | BS29953B | .54 | 13.72 | .76 | 19.3 | BS41743F | .86 | 21.84 | 1.10 | 27.94 | XBS25873N | .85 | 21.59 | 1.10 | 27.94 |
| 8 | .31 | 7.87 | .27 | 6.86 | BS34782 | BS34782B | .54 | 13.72 | .68 | 17.27 | BS41752F | .86 | 21.84 | 1.02 | 25.91 | | | | | |
| 8 | .31 | 7.87 | .27 | 6.86 | BS34783 | BS34783B | .54 | 13.72 | .76 | 19.3 | BS41753F | .86 | 21.84 | 1.10 | 27.94 | | | | | |
| 10 | .31 | 7.87 | .27 | 6.86 | BS34792 | BS34792B | .54 | 13.72 | .68 | 17.27 | BS41762F | .86 | 21.84 | 1.02 | 25.91 | XBS25892N | .85 | 21.59 | 1.02 | 25.91 |
| 10 | .31 | 7.87 | .27 | 6.86 | BS34793 | BS34793B | .54 | 13.72 | .76 | 19.3 | BS41763F | .86 | 21.84 | 1.10 | 27.94 | XBS25893N | .85 | 21.59 | 1.10 | 27.94 |
| Approved Hand Tool | | | | | H4A | H4A | | | | | | H6E & H53 | | | | H6E & H53 | | | | |

12/10 Flanged Spades

CMA Range 5180-13,1000 Barrel Inside Diameter .129" / 3.27 mm



Basic Dimensions



Material: COPPER Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm

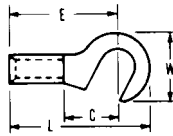


Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|--------------------|-------|------|-------|------|---------|------------|-------|-------|-------|------|------------|-----------|-------|------|-------------|-----------|-------|-------|-------|-------|
| | | | | | NIT | NIT Brazed | | | | | E in. | E mm | L in. | L mm | E in. | E mm | L in. | L mm | E in. | E mm |
| 8 | 0.38 | 9.65 | 0.25 | 6.35 | SF22453 | SF22453B | 0.52 | 13.21 | 0.74 | 18.8 | SF20269F | .84 | 21.34 | 1.08 | 27.43 | XSF2509N | .83 | 21.08 | 1.07 | 27.18 |
| 10 | 0.38 | 9.65 | 0.25 | 6.35 | SF22456 | SF22456B | 0.52 | 13.21 | 0.74 | 18.8 | SF20270F | .84 | 21.34 | 1.08 | 27.43 | | | | | |
| Approved Hand Tool | | | | | H4A | H4A | | | | | | H6E & H53 | | | | H6E & H53 | | | | |

12/10 Hooks

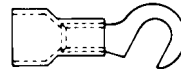
CMA Range 5180-13,1000 Barrel Inside Diameter .129" / 3.27 mm



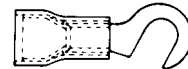
Basic Dimensions



Material: COPPER Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl)
Insulated Diameter .265" / 6.73 mm

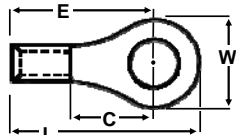


Insulated (Yellow Nylon)
Insulated Diameter .239" / 6.07 mm

| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|--------------------|-------|------|-------|------|--------|------------|-------|-------|-------|-------|------------|-----------|-------|------|-------------|-----------|-------|-------|-------|-------|
| | | | | | NIT | NIT Brazed | | | | | E in. | E mm | L in. | L mm | E in. | E mm | L in. | L mm | E in. | E mm |
| 6 | .38 | 9.65 | .28 | 7.11 | H22452 | H22452B | .56 | 14.22 | .74 | 18.80 | H20265F | .87 | 22.10 | 1.08 | 27.43 | XH21608N | .87 | 22.10 | 1.08 | 27.43 |
| 8 | .38 | 9.65 | .28 | 7.11 | H22454 | H22454B | .56 | 14.22 | .74 | 18.80 | H20266F | .87 | 22.10 | 1.08 | 27.43 | XH21609N | .87 | 22.10 | 1.08 | 27.43 |
| 10 | .38 | 9.65 | .28 | 7.11 | H22455 | H22455B | .56 | 14.22 | .74 | 18.80 | H20267F | .87 | 22.10 | 1.08 | 27.43 | XH21610N | .87 | 22.10 | 1.08 | 27.43 |
| Approved Hand Tool | | | | | H4A | H4A | | | | | | H6E & H53 | | | | H6E & H53 | | | | |

12/10 Rings - Railroad Terminals

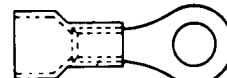
CMA Range 5180-13,1000 Barrel Inside Diameter .129" / 3.27 mm



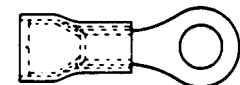
Basic Dimensions



Material: COPPER Thickness: .040" / 1.02 mm
Non-Insulated



Insulated (Yellow Vinyl / Black Ring)
Insulated Diameter .265" / 6.73 mm



Insulated (Yellow Nylon / Black Ring)
Insulated Diameter .239" / 6.07 mm

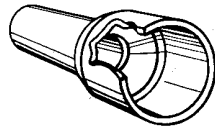
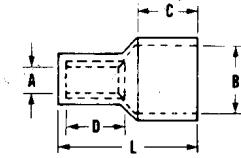
| Stud Size | W in. | W mm | C in. | C mm | NIT | | E in. | E mm | L in. | L mm | Funnel FIT | | | | Funnel FIIG | | | | | |
|--------------------|-------|-------|-------|------|-------|------------|-------|-------|-------|-------|------------|-----------|-------|------|-------------|------------|-------|-------|-------|-------|
| | | | | | NIT | NIT Brazed | | | | | E in. | E mm | L in. | L mm | E in. | E mm | L in. | L mm | E in. | E mm |
| 10 | .53 | 13.46 | .37 | 9.40 | R3446 | R3446B | .63 | 16.00 | .90 | 22.86 | R4246BF | .97 | 24.64 | 1.25 | 31.75 | | | | | |
| 1/4 | .53 | 13.46 | .37 | 9.40 | R3447 | R3447B | .63 | 16.00 | .90 | 22.86 | R4247BF | .97 | 24.64 | 1.25 | 31.75 | XR4256N | .96 | 24.38 | 1.24 | 31.50 |
| 5/16 | .53 | 13.46 | .37 | 9.40 | R3448 | R3448B | .63 | 16.00 | .90 | 22.86 | R4248BF | .97 | 24.64 | 1.25 | 31.75 | XR4257N | .96 | 24.38 | 1.24 | 31.50 |
| Approved Hand Tool | | | | | H4A | H4A | | | | | | H6E & H53 | | | | H76E & H53 | | | | |

ALL Terminals on this page are and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



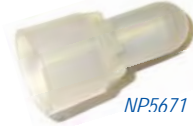
22/8 Pigtails



NP5115



NP5670

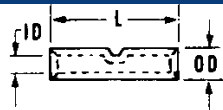


NP5671

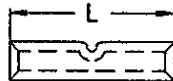
| Wire Range | FIT | CMA Range | Insulation | Insert | A in | A mm | B in | B mm | C in | C mm | D in | D mm | L in | L mm | Approved Hand Tool |
|------------|--------|-------------|------------|--------|------|------|------|-------|------|------|------|-------|------|-------|--------------------|
| 22-14 | NP5115 | 508-5180 | Nylon | Copper | .10 | 2.54 | .28 | 7.11 | .19 | 4.83 | .32 | 8.13 | .73 | 18.54 | H9 |
| 18-10 | NP5670 | 1600-13,000 | Nylon | Copper | .16 | 4.06 | .40 | 10.16 | .27 | 6.86 | .32 | 8.13 | .81 | 20.57 | H18 |
| 18-8 | NP5671 | 1600-20,800 | Nylon | Copper | .22 | 5.59 | .49 | 12.45 | .39 | 9.91 | .44 | 11.18 | 1.09 | 27.69 | H15 |

and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

22/10 Butt Connectors



Material: COPPER



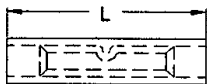
B1818B

Non-Insulated

| Wire Range | CMA Range | NIT | NIT Brazed | ID in | ID mm | OD in | OD mm | L in | L mm | NIT Seamless | ID in | ID mm | OD in | OD mm | L in | L mm |
|------------|-------------|-------|------------|-------|-------|-------|-------|------|-------|--------------|-------|-------|-------|-------|------|-------|
| 22-16 | 509-3260 | B1818 | B1818B | .064 | 1.63 | .136 | 3.45 | .58 | 14.73 | | | | | | | |
| 16-14 | 2050-5180 | B1819 | B1819B | .085 | 2.16 | .159 | 4.04 | .58 | 14.73 | B1819S * | .093 | 2.36 | .158 | 4.01 | .63 | 16.00 |
| 14-12 | 3260-8230 | | B1920B ** | .096 | 2.44 | .172 | 4.37 | .69 | 17.53 | | | | | | | |
| 12-10 | 5180-13,100 | B2151 | B2151B | .131 | 3.33 | .221 | 5.61 | .74 | 18.80 | | | | | | | |
| Hand Tool | | H4A | H4A | | | | | | | H4A | | | | | | |

** with sight hole

* Extended Flare Model also available – B1819S-EF

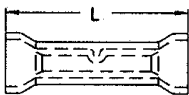


B4067BN

Insulated (Nylon)

| Wire Range | CMA Range | FIT | FIT Brazed | ID in | ID mm | L in | L mm | FIT Seamless | ID in | ID mm | L in | L mm | Insul. Dia. mm | Insul. Color | Hand Tool | |
|------------|-------------|--------|------------|-------|-------|------|-------|--------------|-------|-------|------|-------|----------------|--------------|-----------|-----------|
| 22-16 | 509-3260 | B4067N | B4067BN • | .064 | 1.63 | 1.04 | 26.42 | B4067SN | .060 | 1.52 | 1.13 | 28.70 | .125 | 3.18 | H7B & H53 | |
| 16-14 | 2050-5180 | B4068N | B4068BN • | .085 | 2.16 | 1.04 | 26.42 | B4068SN | .093 | 2.36 | 1.13 | 28.70 | .150 | 3.81 | H7B & H53 | |
| 14-12 | 3260-8230 | | B1921BN | .096 | 2.44 | 1.17 | 29.72 | | | | | .164 | 4.17 | Green | 27180 | |
| 12-10 | 5180-13,100 | B4069N | B4069BN | .131 | 3.33 | 1.23 | 31.24 | B4069SN | .141 | 3.58 | 1.28 | 32.51 | .210 | 5.33 | Yellow | H6E & H53 |
| Hand Tool | | | | | | | | | | | | | | | See Above | |

• listed



B4072

Insulated Flared (Vinyl)

| Wire Range | CMA Range | FIT Flared | FIT Flared Brazed | ID in | ID mm | L in | L mm | Insul. Dia. in | Insul. Dia. mm | Insul. Color | Hand Tool |
|------------|-------------|------------|-------------------|-------|-------|------|-------|----------------|----------------|--------------|-----------|
| 22-16 | 509-3260 | B4070 | B4070B • | .064 | 1.63 | 1.05 | 26.67 | .160 | 4.06 | Red | H7B & H53 |
| 16-14 | 2050-5180 | B4071 | B4071B • | .085 | 2.16 | 1.07 | 27.18 | .195 | 4.95 | Blue | H7B & H53 |
| 14-12 | 3260-8230 | | B1922B | .096 | 2.44 | 1.15 | 29.21 | .210 | 5.33 | Green | 27180 |
| 12-10 | 5180-13,100 | B4072 | B4072B | .131 | 3.33 | 1.23 | 31.24 | .265 | 6.73 | Yellow | H6E & H53 |
| Hand Tool | | | | | | | | | | | See Above |

• listed

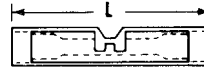
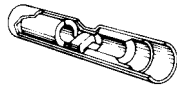
ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



Most terminals available tape mounted. Consult Electro-Term/Hollingsworth with your specifications.



26/10 Window Butt Connectors

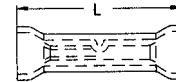
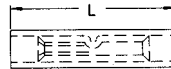
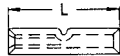
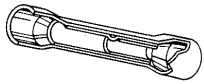


| Wire Range | Material: COPPER | | | | Insulated (Nylon) | | | | | | |
|------------|------------------|--------------------|------|-----------|-------------------|-------------|------|------|-----------|-----------|--|
| | CMA Range | Inside Barrel Dia. | | FIG | Insul. Color | Insul. Dia. | L | | Hand Tool | | |
| | | in | mm | | | in | mm | in | mm | | |
| 26-24 | 202-320 | .027 | 0.69 | B1868BN ▲ | Yellow | .070 | 1.78 | .86 | 21.84 | H8A | |
| 24-20 | 320-1290 | .043 | 1.09 | B1841BN ▲ | Clear | .100 | 2.54 | .98 | 24.89 | H8A | |
| 22-18 | 509-2050 | .061 | 1.55 | B1870BN ▲ | Red | .128 | 3.25 | 1.16 | 29.46 | H7B & H53 | |
| 16-14 | 2050-5180 | .083 | 2.11 | B1871BN ▲ | Blue | .152 | 3.86 | 1.16 | 29.46 | H7B & H53 | |
| 12-10 | 5180-13,100 | .129 | 3.28 | B1872BN | Yellow | .208 | 5.28 | 1.57 | 39.88 | H6E & H53 | |

Parts in this chart are available on tape.

▲ Not Brazed

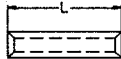
Step Down Butt Connectors



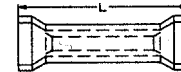
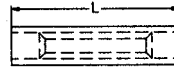
| Wire Range | Material: COPPER | | | | Non-Insulated | | | | Insulated (Nylon) | | | | Insulated (Vinyl) | | | | |
|------------|------------------|------------|-------------|--------|---------------|--------------|-----|-------------|-------------------|-------------|------|---------|-------------------|------|------|-------|-----------|
| | CMA Range | NIT Brazed | L | L | Hand Tool | Insul. Color | FIT | Insul. Dia. | FIT Flared | Insul. Dia. | L | L | Hand Tool | | | | |
| | | | in | mm | | | | in | mm | in | mm | in | mm | | | | |
| 22-16 | 14-12 | 509-3260 | 3260-8230 | B4040B | .69 | 17.53 | H4A | Green | B4044BN | .164 | 4.17 | B4044BF | .210 | 5.33 | 1.18 | 29.27 | H7B & H53 |
| 16-14 | 12-10 | 2050-5180 | 5180-13,100 | B4041B | .74 | 18.80 | H4A | Yellow | B4045BN | .211 | 5.36 | B4045BF | .265 | 6.73 | 1.30 | 33.02 | H6E & H53 |

Parts in this chart are available on tape. When ordering tape mounted Step Down Butt Connectors, indicate which end (wire size) is to be exposed for crimping.

26/10 Parallels



Material: COPPER

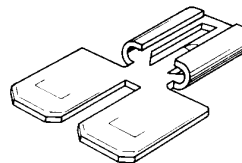
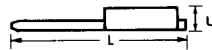
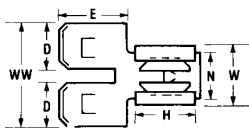


| Wire Range | Non-Insulated | | | | | | | | Insulated (Nylon) | | | | Insulated (Vinyl) | | | | | | |
|------------|---------------|------------|------|------|------|------|-----|------|-------------------|--------|------------|-------------|-------------------|-------------------|--------|-----|--------------|-----------|-----------|
| | NIT | NIT Brazed | ID | ID | OD | OD | L | L | Hand Tool | FIT | FIT Brazed | Insul. Dia. | FIT Flared | FIT Flared Brazed | L | L | Insul. Color | Hand Tool | |
| | | | in | mm | in | mm | in | mm | | | | in | mm | | in | mm | | | |
| 26-24 | P4019 | | .033 | .084 | .078 | 1.98 | .21 | 5.33 | | | | | | | | | | | |
| 22-16 | P4130 | P4130B | .064 | 1.63 | .136 | 3.45 | .33 | 8.38 | H4A | P4131N | P4131BN | .125 | 3.18 | P4132 | P4132B | .76 | 19.30 | Red | H7B & H53 |
| 16-14 | P4137 | P4137B | .085 | 2.16 | .158 | 4.01 | .33 | 8.38 | H4A | P4133N | P4133BN | .150 | 3.81 | P4134 | | .76 | 19.30 | Blue | H7B & H53 |
| 12-10 | P4138 | P4138B | .131 | 3.33 | .221 | 5.61 | .33 | 8.38 | H4A | P4135N | P4135BN | .210 | 5.33 | P4136 | | .83 | 21.08 | Yellow | H6E & H53 |

* P4019 Not UL or CSA listed

Parts in this chart are available on tape.

Double Male Tab Single Female Slip-On



Material: Brass Thickness: .32" / .813 mm

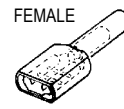
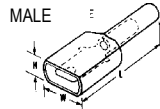
Dimensions

| NIT | L | L | WW | WW | D | D | E | E | H | H | W | W | U | U | N | N |
|-------|-----|-------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm |
| 41B † | .78 | 19.81 | .572 | 14.53 | .253 | 6.43 | .315 | 8.00 | .318 | 8.08 | .324 | 8.23 | .105 | 2.67 | .250 | 6.35 |

† 41B is unplated; for electro-tin plated part, specify 43B.



22/18 • 16/14 • 12/10 Fully Insulated Nylon Couplers



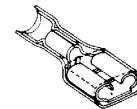
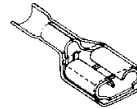
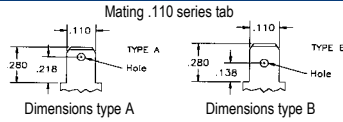
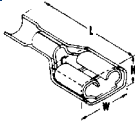
Material: BRASS

| Type | Wire Size | NEMA Tab | W in | W mm | L in | L mm | H in | H mm | Insul. Dia. in | Insul. Dia. mm | Approved Hand Tool | FIT | Mat. Thickness in | Mat. Thickness mm | CMA Range |
|--------|-----------|-------------|------|-------|------|-------|------|------|----------------|----------------|--------------------|--------|-------------------|-------------------|-----------|
| Male | 22-18 | .032 x .250 | .48 | 12.19 | 1.05 | 26.67 | .29 | 7.37 | .155 | 3.94 | H43 | SO5078 | .032 | .813 | 509-2050 |
| Female | 22-18 | .032 x .250 | .40 | 10.16 | .98 | 24.89 | .22 | 5.59 | .128 | 3.25 | H13 | SO5077 | .018 | .457 | 509-2050 |
| Male | 16-14 | .032 x .250 | .48 | 12.19 | 1.03 | 26.16 | .30 | 7.62 | .180 | 4.57 | H43 | SO5076 | .032 | .813 | 2050-5180 |
| Female | 16-14 | .032 x .250 | .40 | 10.16 | .96 | 24.38 | .22 | 5.59 | .150 | 3.81 | H13 | SO5075 | .018 | .457 | 2050-5180 |

22/18 Fully Insulated Slip-Ons (FISO)

CMA Range 509-2050

Barrel Inside Diameter
.064"/1.63 mm – .110 Series
.057"/1.45 mm – All Others



Material: BRASS

Thickness: .012" / .305 mm – .110 Series

.018" / .457 mm – All Others

Insulated (Vinyl)

Insul. Dia. .125" / 3.18 mm

Insul. Dia. .117" / 2.97 mm

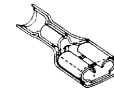
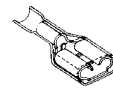
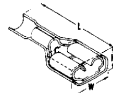
| NEMA TAB | Basic Dimensions | | | | | | FITS TAB | FIT Flared | Approved Hand Tool | Funnel FIIG | Approved Hand Tool |
|-------------|------------------|------|------|-------|------|------|----------|------------|--------------------|-------------|--------------------|
| | W in | W mm | L in | L mm | H in | H mm | | | | | |
| .020 x .110 | .21 | 5.33 | .73 | 18.54 | .17 | 4.32 | A | SO5316SF | H8A4 | XSO9770S | H13* |
| .020 x .110 | .21 | 5.33 | .73 | 18.54 | .17 | 4.32 | B | SO5317SF | H8A4 | XSO9771S | H13* |
| .032 x .110 | .21 | 5.33 | .73 | 18.54 | .17 | 4.32 | A | SO5318SF | H8A4 | XSO9772S | H13* |
| .032 x .110 | .21 | 5.33 | .73 | 18.54 | .17 | 4.32 | B | SO5319SF | H8A4 | XSO9773S | H13* |
| .020 x .187 | .32 | 8.13 | .92 | 23.37 | .19 | 4.83 | | SO5304F | H13 | XSO9774 | H43 |
| .032 x .187 | .32 | 8.13 | .92 | 23.37 | .19 | 4.83 | | SO5303F | H13 | XSO9775 | H43 |
| .020 x .205 | .32 | 8.13 | .92 | 23.37 | .19 | 4.83 | | SO5302F | H13 | XSO9776 | H43 |
| .032 x .205 | .32 | 8.13 | .92 | 23.37 | .19 | 4.83 | | SO5301F | H13 | XSO9777 | H43 |
| .032 x .250 | .37 | 9.40 | .92 | 24.13 | .21 | 5.33 | | SO5300F | H13 | XSO9778 | H43 |

* Locator Blade 13-023 to be ordered in addition to Hand Tool

16/14 Fully Insulated Slip-Ons (FISO)

CMA Range 2050-5180

Barrel Inside Diameter
.064"/1.63 mm – .110 Series FISO FIT
.081"/2.06 mm – All Others Series FISO FIT
.079"/2.01 mm – All FISO FIIG



Material: BRASS Thickness: .012" / .305 mm – .110 Series .018" / .457 mm – All Others

Insulated (Vinyl)

Insul. Dia. .160" / 4.06 mm

Insul. Dia. .176" / 3.71 mm

| NEMA TAB | Basic Dimensions | | | | | | FITS TAB | FIT Flared | Approved Hand Tool | Funnel FIIG | Approved Hand Tool |
|-------------|------------------|------|------|-------|------|------|----------|------------|--------------------|-------------|--------------------|
| | W in | W mm | L in | L mm | H in | H mm | | | | | |
| .020 x .110 | .21 | 5.33 | .73 | 18.54 | .20 | 5.08 | A | SO5320SF * | H8A4 | XSO9779S | H13 ** |
| .020 x .110 | .21 | 5.33 | .73 | 18.54 | .20 | 5.08 | B | SO5321SF | H8A4 | XSO9780S * | H13 ** |
| .032 x .110 | .21 | 5.33 | .73 | 18.54 | .20 | 5.08 | A | SO5322SF * | H8A4 | XSO9781S | H13 ** |
| .032 x .110 | .21 | 5.33 | .73 | 18.54 | .20 | 5.08 | B | | | XSO9782S * | H13 ** |
| .020 x .187 | .32 | 8.13 | .92 | 23.37 | .20 | 5.08 | | SO5309F | H13 | XSO9783 | H43 |
| .032 x .187 | .32 | 8.13 | .92 | 23.37 | .20 | 5.08 | | SO5308F | H13 | XSO9784 | H43 |
| .020 x .205 | .32 | 8.13 | .92 | 23.37 | .20 | 5.08 | | SO5307F | H13 | XSO9785 | H43 |
| .032 x .205 | .32 | 8.13 | .92 | 23.37 | .20 | 5.08 | | SO5306F | H13 | XSO9786 | H43 |
| .032 x .250 | .38 | 9.65 | .95 | 24.13 | .22 | 5.59 | | SO5305F | H13 | XSO9787 | H43 |

* Special Order

** Locator Blade 13-023 to be ordered in addition to Hand Tool

12/10 Fully Insulated Slip-Ons (FISO)

CMA Range 5180-13100

Barrel Inside Diameter .129"/3.27 mm



Material: BRASS Thickness: .018" / .457 mm

Insulated (Vinyl)

Insul. Dia. .239" / 6.07mm

| NEMA TAB | Basic Dimensions | | | | | | FITS TAB | Funnel FIIG | Approved Hand Tool |
|-------------|------------------|------|------|-------|------|------|----------|-------------|--------------------|
| | W in | W mm | L in | L mm | H in | H mm | | | |
| .032 x .250 | .36 | 9.14 | 1.07 | 27.18 | .33 | 8.38 | A | XSO9788 ** | H6EB |

**UL Listed for 12 AWG only

ALL Terminals on this page are and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



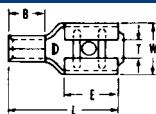
Most terminals available tape mounted. Consult Electro-Term/Hollingsworth with your specifications.



www.hollingsworth.com 800.638.8376

22/18 Female Slip-Ons

Barrel Inside Diameter
CMA Range 509-2050 .064" / 1.63 mm - .110 Series .057" / 1.45 mm - All Others

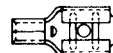


Basic Dimensions

Material: BRASS

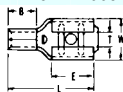
Thickness: .012" / .305 mm - .110 and .125 Series

.018" / .457 mm - All Others

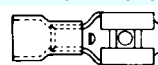


| NEMA TAB | Basic Dimensions | | | | | Non-Insulated | | | | | | | | | | | |
|-------------|------------------|------|------|------|------|---------------|-----|------|----------|----------|-----|-------|--------------------|-----------|-----|-------|--------------------|
| | W | W | T | T | E | E | B | B | FITS TAB | NIT | L | L | Approved Hand Tool | NIT-IG | L | L | Approved Hand Tool |
| | in | mm | in | mm | in | mm | in | mm | | | in | mm | | | in | mm | |
| .020 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70904S | .55 | 12.45 | H12 | SO70931S | .63 | 16.00 | H12 |
| .020 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1120S | .55 | 12.45 | H12 | SO1126S * | .63 | 16.00 | H12 |
| .032 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70905S | .55 | 12.45 | H12 | SO70932S | .63 | 16.00 | H12 |
| .032 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1130S | .55 | 12.45 | H12 | SO1136S * | .63 | 16.00 | H12 |
| .020 x .187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9604S | .57 | 14.48 | H12 | SO9609S | .71 | 18.03 | H12 |
| .032 x .187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9602S | .57 | 14.48 | H12 | SO9607S | .71 | 18.03 | H12 |
| .020 x .205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9603S | .57 | 14.48 | H12 | | | | |
| .032 x .205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9601S | .57 | 14.48 | H12 | SO9606S | .71 | 18.03 | H12 |
| .032 x .250 | .290 | 7.37 | .065 | 1.65 | .300 | 7.62 | .17 | 4.32 | | SO9600S | .62 | 15.75 | H12 | SO9605S | .76 | 19.30 | H12 |

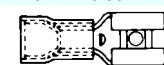
* Special Order



Basic Dimensions



Insulated (Red Vinyl)
Insul. Dia. .125" / 3.18 mm



Insulated (Red Nylon)
Insul. Dia. .118" / 3.00 mm

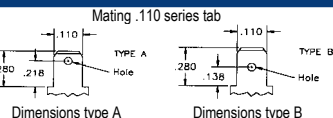
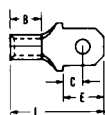
| NEMA TAB | Basic Dimensions | | | | | Non-Insulated | | | | | | | | | | | |
|-------------|------------------|------|------|------|------|---------------|-----|------|----------|------------|-----|-------|--------------------|-------------|-----|-------|--------------------|
| | W | W | T | T | E | E | B | B | FITS TAB | FIT Flared | L | L | Approved Hand Tool | Funnel FIIG | L | L | Approved Hand Tool |
| | in | mm | in | mm | in | mm | in | mm | | | in | mm | | | in | mm | |
| .020 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70908SF | .78 | 19.81 | H8A4 | XSO70910SN | .78 | 19.81 | H13** |
| .020 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1121SF | .78 | 19.81 | H8A4 | XSO1122SN * | .78 | 19.81 | H13** |
| .032 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70909SF | .78 | 19.81 | H8A4 | XSO70911SN | .78 | 19.81 | H13** |
| .032 x .110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1131SF | .78 | 19.81 | H8A4 | XSO1132SN * | .78 | 19.81 | H13** |
| .020 x .187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9619SF | .86 | 21.84 | H13 | XSO9624SN | .86 | 21.84 | H43 |
| .032 x .187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9617SF | .86 | 21.84 | H13 | XSO9622SN | .86 | 21.84 | H43 |
| .020 x .205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9618SF | .86 | 21.84 | H13 | XSO9623SN | .86 | 21.84 | H43 |
| .032 x .205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9616SF | .86 | 21.84 | H13 | XSO9621SN | .86 | 21.84 | H43 |
| .032 x .250 | .290 | 7.37 | .065 | 1.65 | .300 | 7.62 | .17 | 4.32 | | SO9615SF | .91 | 23.11 | H13 | XSO9620SN | .91 | 23.11 | H43 |

* Special Order

** Locator Blade 13-023 to be ordered in addition to Hand Tool

22/18 Male Slip-Ons

Barrel Inside Diameter
CMA Range 509-2050 .053" / 1.35 mm - .020 Series .056" / 1.42 mm - .032 Series



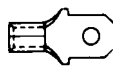
Dimensions type A

Dimensions type B

Material: BRASS

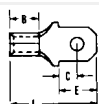
Thickness: .012" / .305 mm - .110 and .125 Series

.018" / .457 mm - All Others

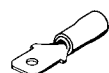


| NEMA TAB | Basic Dimensions | | | | | Non-Insulated | | | | | | | | | | |
|-------------|------------------|------|------|------|-----|---------------|----------|---------|-----|-------|--------------------|-----------|-----|-------|--------------------|--|
| | C | C | E | E | B | B | FITS TAB | NIT | L | L | Approved Hand Tool | NIT-IG | L | L | Approved Hand Tool | |
| | in | mm | in | mm | in | mm | | | in | mm | | | in | mm | | |
| .020 x .110 | .218 | 5.54 | .280 | 7.11 | .17 | 4.32 | A | SO9419S | .58 | 14.73 | H12 | SO9427S | .72 | 18.29 | H12 | |
| .020 x .110 | .138 | 3.51 | .280 | 7.11 | .17 | 4.32 | B | SO9418S | .58 | 14.73 | H12 | SO9426S * | .72 | 18.29 | H12 | |
| .020 x .187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9416S | .55 | 13.97 | H12 | SO9424S | .69 | 17.53 | H12 | |
| .032 x .187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9104S | .62 | 15.75 | H4A | | | | | |
| .032 x .187 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9104 | .71 | 18.03 | H4A | | | | | |
| .020 x .205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9417S | .55 | 13.97 | H12 | SO9425S | .69 | 17.53 | H12 | |
| .032 x .205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9105S | .62 | 15.75 | H4A | | | | | |
| .032 x .205 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9105 | .71 | 18.03 | H4A | | | | | |
| .032 x .250 | .134 | 3.40 | .307 | 7.80 | .17 | 4.32 | | SO9106S | .67 | 17.02 | H4A | | | | | |
| .032 x .250 | .134 | 3.40 | .307 | 7.80 | .26 | 6.60 | | SO9106 | .76 | 19.30 | H4A | | | | | |

* Special Order



Basic Dimensions



Insulated (Red Vinyl)

Insulated (Red Nylon)

| NEMA TAB | Basic Dimensions | | | | | Non-Insulated | | | | | | | | | | | | | |
|-------------|------------------|------|------|------|-----|---------------|----------|------------|------------|------|------|--------------------|-------------|-------------|------|------|--------------------|-------|-----|
| | C | C | E | E | B | B | FITS TAB | Funnel FIT | Insul. Dia | L | L | Approved Hand Tool | Funnel FIIG | Insul. Dia | L | L | Approved Hand Tool | | |
| | in | mm | in | mm | in | mm | | | in | mm | in | mm | | | in | mm | in | mm | |
| .020 x .110 | .218 | 5.54 | .280 | 7.11 | .17 | 4.32 | A | SO9447SF | .124 | 3.15 | .86 | 21.84 | H8A | XSO9453SN | .118 | 3.00 | .85 | 21.59 | H43 |
| .020 x .110 | .138 | 3.51 | .280 | 7.11 | .17 | 4.32 | B | SO9446SF | .124 | 3.15 | .86 | 21.84 | H8A | XSO9452SN * | .118 | 3.00 | .85 | 21.59 | H43 |
| .020 x .187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9444SF | .124 | 3.15 | .83 | 21.08 | H8A | XSO9450SN | .118 | 3.00 | .82 | 20.83 | H43 |
| .032 x .187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9110SF | .160 | 4.06 | .90 | 22.86 | H7B | XSO9115SN | .146 | 3.71 | .88 | 22.35 | H7B |
| .032 x .187 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9110F | .160 | 4.06 | .97 | 24.64 | H7B | | | | | | |
| .020 x .205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9445SF | .124 | 3.15 | .83 | 21.08 | H8A | XSO9451SN | .118 | 3.00 | .82 | 20.83 | H43 |
| .032 x .205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9112SF | .160 | 4.06 | .90 | 22.86 | H7B | XSO9116SN | .146 | 3.71 | .88 | 22.35 | H7B |
| .032 x .205 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9112F | .160 | 4.06 | .97 | 24.64 | H7B | | | | | | |
| .032 x .250 | .134 | 3.40 | .307 | 7.80 | .17 | 4.32 | | SO9113SF | .160 | 4.06 | .95 | 24.13 | H7B | XSO9117SN | .146 | 3.71 | .96 | 24.38 | H7B |
| .032 x .250 | .134 | 3.40 | .307 | 7.80 | .26 | 6.60 | | SO9113F | .160 | 4.06 | 1.02 | 25.91 | H7B | | | | | | |

* Special Order

ALL Terminals on this page are and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

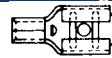
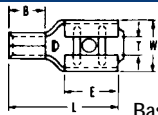
ALL TERMINALS on this page available on tape. Standard Barrel configurations shown - customized configurations available.



16/14 Female Slip-Ons

Barrel Inside Diameter

CMA Range 2050-5180 .090" / 2.29 mm – .110 Series .081" / 2.06 mm – All Others



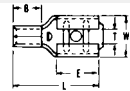
Material: BRASS Thickness: .012" / .305 mm – .110 and .125 Series .018" / .457 mm – All Others

Basic Dimensions

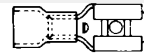
Non-Insulated

| NEMA TAB | W in | W mm | T in | T mm | E in | E mm | B in | B mm | FITS TAB | NIT | L in | L mm | Approved Hand Tool | NIT-IG | L in | L mm | Approved Hand Tool |
|------------|------|------|------|------|------|------|------|------|----------|----------|------|-------|--------------------|------------|------|-------|--------------------|
| .020 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70912S | .49 | 12.45 | H12 | SO70573S | .63 | 16.00 | H12 |
| .020 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1137S | .49 | 12.45 | H12 | SO70572S * | .63 | 16.00 | H12 |
| .032 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70913S | .49 | 12.45 | H12 | SO70577S | .63 | 16.00 | H12 |
| .032 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1144S | .49 | 12.45 | H12 | SO70576S * | .63 | 16.00 | H12 |
| .020 x.187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9704S | .57 | 14.48 | H12 | SO9709S | .72 | 18.29 | H12 |
| .032 x.187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9702S | .57 | 14.48 | H12 | SO9707S | .72 | 18.29 | H12 |
| .020 x.205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9703S | .57 | 14.48 | H12 | SO9708S | .72 | 18.29 | H12 |
| .032 x.205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9701S | .57 | 14.48 | H12 | SO9706S | .72 | 18.29 | H12 |
| .032 x.250 | .290 | 7.37 | .065 | 1.65 | .300 | 7.62 | .17 | 4.32 | | SO9700S | .62 | 15.75 | H12 | SO9705S | .77 | 19.56 | H12 |

* Special Order



Basic Dimensions



Insulated (Blue Vinyl)
Insul. Dia. .160" / 4.06 mm



Insulated (Blue Nylon)
Insul. Dia. .140" / 3.56 mm

| NEMA TAB | W in | W mm | T in | T mm | E in | E mm | B in | B mm | FITS TAB | FIT Flared | L in | L mm | Approved Hand Tool | Funnel FIIG | L in | L mm | Approved Hand Tool |
|------------|------|------|------|------|------|------|------|------|----------|------------|------|-------|--------------------|-------------|------|-------|--------------------|
| .020 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70916SF | .78 | 19.81 | H8A4 | XSO70918SN | .78 | 19.81 | H13** |
| .020 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1125SF | .78 | 19.81 | H8A4 | XSO1139SN * | .78 | 19.81 | H13** |
| .032 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | A | SO70917SF | .78 | 19.81 | H8A4 | XSO70919SN | .78 | 19.81 | H13** |
| .032 x.110 | .145 | 3.68 | .016 | .406 | .250 | 6.35 | .17 | 4.32 | B | SO1135SF | .78 | 19.81 | H8A4 | XSO1146SN * | .78 | 19.81 | H13** |
| .020 x.187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9722SF | .86 | 21.84 | H13 | XSO9727SN | .86 | 21.84 | H43 |
| .032 x.187 | .233 | 5.92 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9720SF | .86 | 21.84 | H13 | XSO9725SN | .86 | 21.84 | H43 |
| .020 x.205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9721SF | .86 | 21.84 | H13 | XSO9726SN | .86 | 21.84 | H43 |
| .032 x.205 | .250 | 6.35 | .026 | .660 | .250 | 6.35 | .17 | 4.32 | | SO9719SF | .86 | 21.84 | H13 | XSO9724SN | .86 | 21.84 | H43 |
| .032 x.250 | .290 | 7.37 | .065 | 1.65 | .300 | 7.62 | .17 | 4.32 | | SO9718SF | .91 | 23.11 | H13 | XSO9723SN | .91 | 23.11 | H43 |

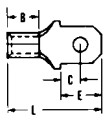
* Special Order

** Locator Blade 13-023 to be ordered in addition to Hand Tool

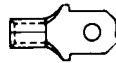
16/14 Male Slip-Ons

Barrel Inside Diameter

CMA Range 2050-5180 .081" / 2.06 mm – .020 Series .085" / 2.16 mm – .032 Series



Basic Dimensions



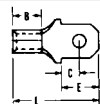
Material: BRASS Thickness: .020" / .508 mm .032" / .813 mm



Non-Insulated

| NEMA TAB | C in | C mm | E in | E mm | B in | B mm | FITS TAB | NIT | L in | L mm | Approved Hand Tool | NIT-IG | L in | L mm | Approved Hand Tool |
|------------|------|------|------|------|------|------|----------|---------|------|-------|--------------------|-----------|------|-------|--------------------|
| .020 x.110 | .218 | 5.54 | .280 | 7.11 | .17 | 4.32 | A | SO9353S | .58 | 14.73 | H12 | SO9363S | .72 | 18.29 | H12 |
| .020 x.110 | .138 | 3.51 | .280 | 7.11 | .17 | 4.32 | B | SO9352S | .58 | 14.73 | H12 | SO9362S * | .72 | 18.29 | H12 |
| .020 x.187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9350S | .55 | 13.97 | H12 | SO9360S | .69 | 17.53 | H12 |
| .032 x.187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9118S | .62 | 15.75 | H4A | | | | |
| .032 x.187 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9118 | .71 | 18.03 | H4A | | | | |
| .020 x.205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9351S | .55 | 13.97 | H12 | SO9361S | .69 | 17.53 | H12 |
| .032 x.205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9119S | .62 | 15.75 | H4A | | | | |
| .032 x.205 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9119 | .71 | 18.03 | H4A | | | | |
| .032 x.250 | .134 | 3.40 | .307 | 7.80 | .17 | 4.32 | | SO9004S | .67 | 17.02 | H4A | | | | |
| .032 x.250 | .134 | 3.40 | .307 | 7.80 | .26 | 6.60 | | SO9003 | .76 | 19.30 | H4A | | | | |

* Special Order



Basic Dimensions



Insulated (Blue Vinyl)



Insulated (Blue Nylon)

| NEMA TAB | C in | C mm | E in | E mm | B in | B mm | FITS TAB | Funnel FIT | Insul. Dia in | L in | L mm | Approved Hand Tool | Funnel FIIG | Insul. Dia in | L in | L mm | Approved Hand Tool | | |
|------------|------|------|------|------|------|------|----------|------------|---------------|------|------|--------------------|-------------|---------------|------|------|--------------------|-------|-----|
| .020 x.110 | .218 | 5.54 | .280 | 7.11 | .17 | 4.32 | A | SO9383SF | .160 | 4.06 | .87 | 22.10 | H7B | XSO9393SN | .146 | 3.71 | .89 | 22.61 | H43 |
| .020 x.110 | .138 | 3.51 | .280 | 7.11 | .17 | 4.32 | B | SO9382SF | .160 | 4.06 | .87 | 22.10 | H7B | XSO9392SN * | .146 | 3.71 | .89 | 22.61 | H43 |
| .020 x.187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9380SF | .160 | 4.06 | .83 | 21.08 | H7B | XSO9390SN | .146 | 3.71 | .85 | 21.59 | H43 |
| .032 x.187 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9124SF | .195 | 4.95 | .90 | 22.86 | H7B | XSO9126SN | .178 | 4.52 | .86 | 21.84 | H7B |
| .032 x.187 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9124F | .195 | 4.95 | .97 | 24.64 | H7B | | | | | | |
| .020 x.205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9381SF | .160 | 4.06 | .83 | 21.08 | H7B | XSO9391SN | .146 | 3.71 | .85 | 21.59 | H43 |
| .032 x.205 | .125 | 3.18 | .250 | 6.35 | .17 | 4.32 | | SO9125SF | .195 | 4.95 | .90 | 22.86 | H7B | XSO9127SN | .178 | 4.52 | .86 | 21.84 | H7B |
| .032 x.205 | .125 | 3.18 | .250 | 6.35 | .26 | 6.60 | | SO9125F | .195 | 4.95 | 1.03 | 26.16 | H7B | | | | | | |
| .032 x.250 | .134 | 3.40 | .307 | 7.80 | .17 | 4.32 | | SO9014SF | .195 | 4.95 | .96 | 24.38 | H7B | XSO9024SN | .178 | 4.52 | .91 | 23.11 | H7B |
| .032 x.250 | .134 | 3.40 | .307 | 7.80 | .26 | 6.60 | | SO9013F | .198 | 5.03 | 1.09 | 27.69 | H7B | | | | | | |

* Special Order

ALL Terminals on this page are and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



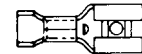
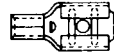
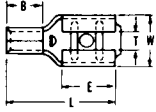
Most terminals available tape mounted. Consult Electro-Term/Hollingsworth with your specifications.



www.hollingsworth.com 800.638.8376

12/10 Female Slip-Ons

CMA Range 5180-13,100 Barrel Inside Diameter .129" / 3.27 mm



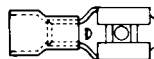
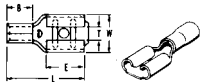
Material: BRASS Thickness: .018" / .457 mm

Basic Dimensions

| NEMA TAB | W | | T | | NIT-MG | E | | L | | Non-Insulated Approved Hand Tool | | NIT-IG | E | | L | |
|------------|------|------|------|------|------------|------|------|-----|-------|----------------------------------|--------|--------|------|-----|-------|----|
| | in | mm | in | mm | | in | mm | in | mm | in | mm | | in | mm | in | mm |
| .020 x.187 | .233 | 5.92 | .026 | .660 | SO9308 * | .250 | 6.35 | .69 | 17.53 | H4A | | | | | | |
| .032 x.187 | .233 | 5.92 | .026 | .660 | SO9312 * | .250 | 6.35 | .69 | 17.53 | H4A | | | | | | |
| .032 x.250 | .300 | 7.62 | .065 | 1.65 | SO9300 * | .300 | 7.62 | .72 | 17.53 | H4A | SO9180 | .300 | 7.62 | .89 | 22.61 | |
| .032 x.250 | .300 | 7.62 | .065 | 1.65 | SO9176 ● † | .300 | 7.62 | .72 | 17.53 | 27058 | | | | | | |



* UL Listed for 12 AWG only
 ● Not UL listed † True Barrel – 1 pc part
 NIT-MG = 2 pc part - NIT and metal grip



Basic Dimensions

| NEMA TAB | W | | T | | Funnel FIT | Insulated (Yellow Vinyl) Insul. Dia. .265" / 6.73 mm | | | | Approved Hand Tool | Insulated (Yellow Nylon) Insul. Dia. .239" / 6.07 mm | | | | Approved Hand Tool | |
|------------|------|------|------|------|------------|--|------|------|-------|--------------------|--|------|------|------|--------------------|-----|
| | in | mm | in | mm | | E | E | L | L | | E | E | L | L | | |
| .020 x.187 | .233 | 5.92 | .026 | .660 | SO9309F* | .250 | 6.35 | 1.00 | 25.40 | H6E | XSO9310N* † | .250 | 6.35 | 1.00 | 25.40 | H6E |
| .032 x.187 | .233 | 5.92 | .026 | .660 | SO9313F* | .250 | 6.35 | 1.00 | 25.40 | H6E | XSO9314N* † | .250 | 6.35 | 1.00 | 25.40 | H6E |
| .032 x.250 | .300 | 7.62 | .065 | 1.65 | SO9301F* | .300 | 7.62 | 1.08 | 25.40 | H6EC | XSO9302N* † | .300 | 7.62 | 1.06 | 19.81 | H6E |

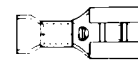
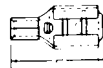
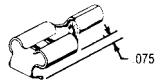


* UL Listed for 12 AWG Only



* UL Listed for 12 AWG Only
 † 4 pc part

22/18 • 16/14 • 12/10 Piggy Back Slip-Ons



Material: BRASS Thickness: .016" / .406 mm

Basic Dimensions

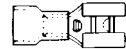
| I.D. in / mm | CMA Range | Wire Range | NEMA TAB | NIT | L | | Approved Hand Tool | | Non-Insulated | | L | | Approved Hand Tool | H270 Die |
|-----------------|-------------|------------|------------|-----------|-----|-----|--------------------|-----------|---------------|-----|-------|--|--------------------|----------|
| | | | | | in | mm | H270 Die | NIT-IG | in | mm | | | | |
| .061"/1.55 | 509-2050 | 22-18 | .032 x.250 | SO73159S | .76 | H12 | 27132 | SO73161S | .76 | H12 | 27133 | | | |
| .085"/2.16 | 2050-5180 | 16-14 | .032 x.250 | SO73170S | .76 | H12 | 27135 | SO73172S | .76 | H12 | 27136 | | | |
| .129"/3.27 | 5180-13,100 | 12-10 | .032 x.250 | SO73181 * | .76 | H4A | | SO73183 * | .76 | | 27139 | | | |



* UL Listed for 12 AWG Only



* UL Listed for 12 AWG Only



Basic Dimensions

| Insul. Color | I.D. in / mm | CMA Range | Wire Range | NEMA TAB | Funnel FIT | Insulated (Vinyl) | | Approved Hand Tool | Funnel FIIG | Insulated (Nylon) | | Approved Hand Tool |
|--------------|-----------------|-------------|------------|------------|------------|-------------------|------|--------------------|-------------|-------------------|------|--------------------|
| | | | | | | Ins. Dia. | L | | | Ins. Dia. | L | |
| Red | .061"/1.55 | 509-2050 | 22-18 | .032 x.250 | SO73163SF | .125 | .88 | H13 | XSO73165SN | .118 | .88 | H43 |
| Blue | .085"/2.16 | 2050-5180 | 16-14 | .032 x.250 | SO73174SF | .160 | .88 | H13 | XSO73176SN | .146 | .88 | H43 |
| Yellow | .129"/3.27 | 5180-13,100 | 12-10 | .032 x.250 | SO73185F * | .265 | 1.01 | H6E | XSO73187N * | .227 | 1.03 | H6E |



* UL Listed for 12 AWG Only

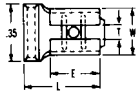


* UL Listed for 12 AWG Only

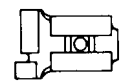
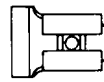
ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



22/18 • 16/14 • 12/10 Flag Slip-Ons



Material: BRASS Thickness: .018" / .457mm



Basic Dimensions

| Wire Range | CMA Range | NEMA Tab | W in | W mm | T in | T mm | NIT | E in | E mm | L in | L mm | NIT-IG | E in | E mm | L in | L mm |
|------------|-------------|-------------|------|------|------|------|------------|------|------|------|-------|--------|------|------|------|-------|
| 22-18 | 509-2050 | .032 x .250 | .296 | 7.52 | .065 | 1.65 | | | | | | SO9405 | .300 | 7.62 | .57 | 14.48 |
| 16-14 | 2050-5180 | .032 x .250 | .296 | 7.52 | .065 | 1.65 | | | | | | SO9410 | .300 | 7.62 | .59 | 14.99 |
| 16-14 | 2050-5180 | .032 x .250 | .296 | 7.52 | .120 | 3.05 | | | | | | SO9411 | .300 | 7.62 | .59 | 14.99 |
| 12-10 | 5180-13,100 | .032 x .250 | .296 | 7.52 | .065 | 1.65 | SO9415 * | .300 | 7.62 | .60 | 15.54 | | | | | |
| 12-10 | 5180-13,100 | .032 x .250 | .296 | 7.52 | .120 | 3.05 | SO9413 * ❖ | .300 | 7.62 | .60 | 15.54 | | | | | |

Approved Hand Tool

H4A3



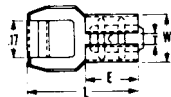
* UL Listed for 12 AWG Only

H12

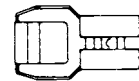


❖ Notched specially for Bending applications

22/18 • 16/14 • 12/10 Flag Slip-Ons



Material: BRASS Thickness: .018" / .457mm

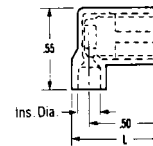
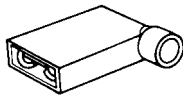


Basic Dimensions

| Wire Range | CMA Range | NEMA Tab | W in | W mm | T in | T mm | NIT | E in | E mm | L in | L mm | NIT-IG | E in | E mm | L in | L mm |
|------------|-------------|-------------|------|------|------|------|-----------|------|------|------|-------|---------|------|------|------|-------|
| 22-18 | 509-2050 | .032 x .250 | .300 | 7.62 | .065 | 1.65 | SO9478S | .300 | 7.62 | .53 | 13.46 | SO9479S | .300 | 7.62 | .53 | 13.46 |
| 16-14 | 2050-5180 | .032 x .250 | .300 | 7.62 | .065 | 1.65 | SO9487S | .300 | 7.62 | .55 | 13.97 | SO9488S | .300 | 7.62 | .55 | 13.97 |
| 12-10 | 5180-13,100 | .032 x .250 | .300 | 7.62 | .065 | 1.65 | SO9489S * | .300 | 7.62 | .68 | 17.27 | | | | | |



* UL Listed for 12 AWG Only

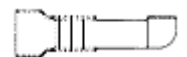
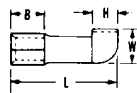
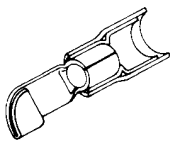


Basic Dimensions

| Wire Range | CMA Range | NEMA Tab | W in | W mm | T in | T mm | FISO FIT Flared | Insul. Dia. in | Insul. Dia. mm | L in | L mm | Ins. Bbl. Dia. in | Ins. Bbl. Dia. mm | Insul. Color | Approved Hand Tool |
|------------|-----------|-------------|------|------|------|------|-----------------|----------------|----------------|------|-------|-------------------|-------------------|--------------|--------------------|
| 22-18 | 509-2050 | .032 x .250 | .300 | 7.62 | .065 | 1.65 | SO5360SF | .160 | 4.06 | .611 | 15.52 | .057 | 1.45 | Red Nylon | H46 |
| 16-14 | 2050-5180 | .032 x .250 | .300 | 7.62 | .065 | 1.65 | SO5363SF | .182 | 4.62 | .625 | 15.88 | .081 | 2.06 | Blue Nylon | H47 |



22/16 • 16/14 • 12/10 Knife Disconnects



Material: COPPER

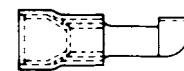
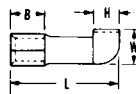
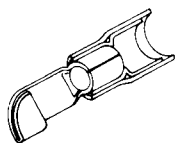
Basic Dimensions

| Wire Range | CMA Range | Mat. Thickness in | Mat. Thickness mm | Ins. Bbl. Dia. in | Ins. Bbl. Dia. mm | H in | H mm | W in | W mm | B in | B mm | NIT | L in | L mm | H270 Die | NIT-MG | L in | L mm | H270 Die |
|------------|-------------|-------------------|-------------------|-------------------|-------------------|------|------|------|------|------|------|--------|------|-------|----------|--------|------|-------|----------|
| 22-16 | 509-3260 | .030 | .762 | .061 | 1.55 | .15 | 3.81 | .20 | 5.08 | .17 | 4.32 | K5910S | .63 | 16.00 | 27088 | K5913S | .80 | 20.32 | 27089 |
| 16-14 | 2050-5180 | .032 | .813 | .085 | 2.16 | .15 | 3.81 | .20 | 5.08 | .17 | 4.32 | K5911S | .63 | 16.00 | 27091 | K5914S | .80 | 20.32 | 27092 |
| 12-10 | 5180-13,100 | .040 | 1.02 | .131 | 3.33 | .22 | 5.59 | .28 | 7.11 | .27 | 6.86 | K5912 | .94 | 23.88 | 27094 | K5915 | 1.18 | 29.97 | 27095 |

Approved Hand Tool

H4A

See End Column



Basic Dimensions

| Wire Range | CMA Range | Mat. Thickness in | Mat. Thickness mm | Ins. Bbl. Dia. in | Ins. Bbl. Dia. mm | H in | H mm | W in | W mm | B in | B mm | Funnel FIIG | Insul. Dia. in | Insul. Dia. mm | L in | L mm | Insul. Color | Approved Hand Tool |
|------------|-------------|-------------------|-------------------|-------------------|-------------------|------|------|------|------|------|------|-------------|----------------|----------------|------|-------|--------------|--------------------|
| 22-16 | 509-3260 | .030 | .762 | .061 | 1.55 | .15 | 3.81 | .20 | 5.08 | .17 | 4.32 | XK5919SN | .146 | 3.71 | .90 | 22.86 | Red | H7B & H53 |
| 16-14 | 2050-5180 | .032 | .813 | .085 | 2.16 | .15 | 3.81 | .20 | 5.08 | .17 | 4.32 | XK5920SN | .172 | 4.37 | .90 | 22.86 | Blue | H7B & H53 |
| 12-10 | 5180-13,100 | .040 | 1.02 | .131 | 3.33 | .22 | 5.59 | .28 | 7.11 | .27 | 6.86 | XK5921N | .227 | 5.77 | 1.26 | 32.00 | Yellow | H6E & H53 |

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



Most terminals available tape mounted.
Consult Electro-Term/Hollingsworth with your specifications.



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22/18 Male Plugs

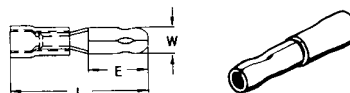
CMA Range 509-2050

Barrel Inside Diameter .057/ 1.49 mm

| Basic Dimensions | | | | Insulated (Red Nylon) | | |
|------------------|----------|----------|----------|-----------------------|----------|----------|
| <i>W</i> | <i>W</i> | <i>E</i> | <i>E</i> | Funnel FIIG | <i>L</i> | <i>L</i> |
| in | mm | in | mm | | in | mm |
| .156 | 3.96 | .345 | 8.76 | XMP9658SN | .90 | 22.86 |
| .180 | 4.57 | .447 | 11.35 | XMP9659SN | .94 | 23.87 |
| Hand Tool | | | | H43 | | |



Material: BRASS Thickness: .018" / .457 mm



22/18 Receptacles

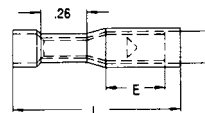
CMA Range 509-2050

Barrel Inside Diameter .057/ 1.55 mm

| Basic Dimensions | | | | | | Insulated (Red Vinyl) | | |
|------------------|----------|----------|----------|-----------|-----------|-----------------------|----------|----------|
| <i>W</i> | <i>W</i> | <i>E</i> | <i>E</i> | Male Plug | Male Plug | Fully Insulated | <i>L</i> | <i>L</i> |
| in | mm | in | mm | Dia. In. | Dia. In. | FIT Flared | in | mm |
| .18 | 4.57 | .345 | 8.76 | .156 | 3.96 | FP5332F | 1.03 | 26.16 |
| .21 | 5.33 | .420 | 10.67 | .180 | 4.57 | FP5333F | 1.08 | 27.43 |
| Hand Tool | | | | | | H35 H270 Die 27123 | | |



Material: BRASS Thickness: .016" / .406 mm



18/14 Male Plugs

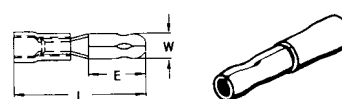
CMA Range 1600-5180

Barrel Inside Diameter .081/ 2.06 mm

| Basic Dimensions | | | | Insulated (Blue Nylon) | | |
|------------------|----------|----------|----------|------------------------|----------|----------|
| <i>W</i> | <i>W</i> | <i>E</i> | <i>E</i> | Funnel FIIG | <i>L</i> | <i>L</i> |
| in | mm | in | mm | | in | mm |
| .156 | 3.96 | .345 | 8.76 | XMP9645SN | .92 | 23.37 |
| .180 | 4.57 | .447 | 11.35 | XMP9646SN | .97 | 24.64 |
| Hand Tool | | | | H43 | | |



Material: BRASS Thickness: .018" / .457 mm



18/14 Receptacles

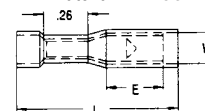
CMA Range 1600-5180

Barrel Inside Diameter .081/ 2.06 mm

| Basic Dimensions | | | | | | Insulated (Blue Vinyl) | | |
|------------------|----------|----------|----------|-----------|-----------|------------------------|----------|----------|
| <i>W</i> | <i>W</i> | <i>E</i> | <i>E</i> | Male Plug | Male Plug | Fully Insulated | <i>L</i> | <i>L</i> |
| in | mm | in | mm | Dia. In. | Dia. In. | FIT Flared | in | mm |
| .18 | 4.57 | .345 | 8.76 | .156 | 3.96 | FP5336F | 1.03 | 26.16 |
| .21 | 5.33 | .447 | 11.35 | .180 | 4.57 | FP5337F | 1.08 | 27.43 |
| H270 Die 27121 | | | | | | Hand Tool H35 | | |



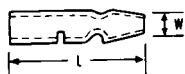
Material: BRASS Thickness: .016" / .406 mm



16/14 Male Plugs

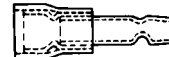
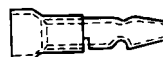
CMA Range 2050-5180

Barrel Inside Diameter .081/ 2.06 mm



Material: COPPER

Thickness: .032" / .813 mm



| Basic Dimensions | | Non-Insulated | | Insulated (Blue Vinyl) | | | Insulated (Blue Nylon) | | | |
|------------------|----------|---------------|----------|------------------------|------------|----------|------------------------|-------------|----------|----------|
| <i>W</i> | <i>W</i> | | <i>L</i> | <i>L</i> | Funnel FIT | <i>L</i> | <i>L</i> | Funnel FIIG | <i>L</i> | <i>L</i> |
| in | mm | NIT | in | mm | | in | mm | | in | mm |
| .156 | 3.96 | MP4846 | .640 | 16.26 | MP4847F | 1.00 | 25.40 | XMP4848N | .91 | 23.11 |
| Hand Tool | | H4A | | H7B & H53 | | | H7B & H53 | | | |

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



High Temperature - 650°F / 900°F / 1200°F

Terminals and Connectors, Wire Sizes 22 to 2 AWG

For high temperature applications: maximum operating temperatures are 650°F, 900°F, or 1200°F.

650°F (343°C)

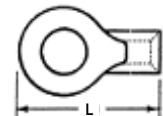
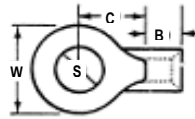
650°F terminals are made of Nickel-plated pure copper.

NIT Braze

Insulation Grip



Operating conditions in this maximum temperature range calls for 650°F (343°C) terminals and splices. Both terminals and splices are constructed of nickel-plated copper. The terminals are available in two barrel styles: the Braze Barrel seam and the Insulation Grip, which includes a wire insulation support sleeve made of copper with a bright nickel plating.



Basic Dimensions

Non-Insulated

Insulation Grip

| Wire Size | Stud Size | W in | C in | NIT Braze | L in | Hand Tool | NIT-IG | L in | H270 Die |
|-----------|-----------|------|------|-----------|------|-----------|-----------|------|----------|
| 22-16 | 10* | .31 | .32 | R4278SB | .65 | H4A | R4278SBMG | .84 | 27089 |
| 16-14 | 10* | .31 | .28 | R4308SB | .62 | H4A | R4308SBMG | .83 | 27092 |
| 12-10 | 10* | .37 | .28 | R3430B | .74 | H4A | R3430BMG | .95 | 27095 |
| 8 | 10* | .38 | .39 | R3472B | .90 | H20 | | | |
| 6 | 1/4 | .47 | .54 | R64663B | 1.18 | H20 | | | |
| 6 | 5/16 | .63 | .54 | R64661B | 1.26 | H20 | | | |
| 6 | 3/8 | .63 | .54 | R64662B | 1.26 | H20 | | | |
| 4 | 1/4 | .56 | .50 | R5023B | 1.25 | H20 | | | |
| 4 | 5/16 | .66 | .50 | R5018B | 1.30 | H20 | | | |
| 4 | 3/8 | .66 | .50 | R5019B | 1.30 | H20 | | | |
| 2 | 1/4 | .70 | .60 | R8027B | 1.50 | H20 | | | |
| 2 | 5/16 | .70 | .60 | R8028B | 1.50 | H20 | | | |
| 2 | 3/8 | .70 | .60 | R8029B | 1.50 | H20 | | | |

* 22-16, 16-14 Stud Sizes available: 4, 6, 8, 10, 1/4, 5/16, 3/8
12-10, #8 Stud Sizes available: 6, 8, 10, 1/4, 5/16, 3/8

900°F (483°C)

900°F terminals are made of a Nickel-Plated Steel Alloy.

NIT



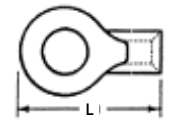
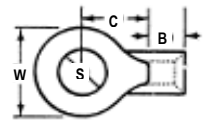
Hollingsworth also offers a line of terminals designed to perform satisfactorily in ambient operating temperature ranges to 900°F (483°C). These nickel-plated, steel alloy products are available in the butted seam, barrel style. Ring tongue terminals cover the 22 through 2 AWG wire ranges to provide reliable performance time after time even in these hostile temperature environments.

Basic Dimensions

Non-Insulated

| Wire Size | Stud Size | W in | C in | NIT | L in | Hand Tool |
|-----------|-----------|------|------|--------|------|-----------|
| 22-16 | 10* | .31 | .32 | R4273S | .65 | H16HT |
| 16-14 | 10* | .31 | .28 | R4303S | .62 | H16HT |
| 12-10 | 10* | .37 | .28 | R3423 | .74 | H16HT |
| 8 | 10* | .38 | .39 | R3557 | .90 | H20 |
| 6 | 1/4 | .47 | .54 | R64682 | 1.18 | H20 |
| 6 | 1/4 | .63 | .54 | R64681 | 1.26 | H20 |
| 6 | 5/16 | .63 | .54 | R64680 | 1.26 | H20 |
| 6 | 3/8 | .63 | .54 | R64683 | 1.26 | H20 |
| 4 | 1/4 | .56 | .50 | R5216 | 1.25 | H20 |
| 4 | 5/16 | .66 | .50 | R5217 | 1.30 | H20 |
| 4 | 3/8 | .66 | .50 | R5218 | 1.30 | H20 |
| 2 | 1/4 | .70 | .60 | R8039 | 1.50 | H20 |
| 2 | 5/16 | .70 | .60 | R8040 | 1.50 | H20 |
| 2 | 3/8 | .70 | .60 | R8041 | 1.50 | H20 |

* 22-16, 16-14 Stud Sizes available: 4, 6, 8, 10, 1/4, 5/16, 3/8
12-10, #8 Stud Sizes available: 6, 8, 10, 1/4, 5/16, 3/8



1200°F (649°C)

1200°F Terminals are pure Nickel.

NIT



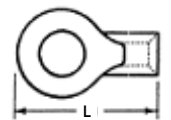
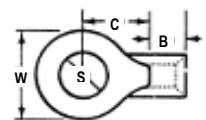
The ultimate in thermal reliability is afforded by the 1200°F (649°C). The ring tongue terminals, which are fabricated from pure nickel, cover the 22 through 2 AWG wire range. The terminals have either the butted seam barrel or the braze barrel style.

Basic Dimensions

Non-Insulated

| Wire Size | Stud Size | W in | C in | NIT | L in | Hand Tool |
|-----------|-----------|------|------|--------|------|-----------|
| 22-16 | 10* | .31 | .32 | R4530S | .65 | H16HT |
| 16-14 | 10* | .31 | .28 | R4537S | .62 | H16HT |
| 12-10 | 10* | .37 | .28 | R3535 | .74 | H16HT |
| 8 | 10* | .38 | .39 | R3563 | .90 | H20 |
| 6 | 1/4 | .47 | .54 | R64684 | 1.18 | H20 |
| 6 | 5/16 | .63 | .54 | R64685 | 1.26 | H20 |
| 6 | 3/8 | .63 | .54 | R64686 | 1.26 | H20 |
| 4 | 1/4 | .56 | .50 | R5219 | 1.25 | H20 |
| 4 | 5/16 | .66 | .50 | R5220 | 1.30 | H20 |
| 4 | 3/8 | .66 | .50 | R5221 | 1.30 | H20 |
| 2 | 1/4 | .70 | .60 | R8042 | 1.50 | H20 |
| 2 | 5/16 | .70 | .60 | R8043 | 1.50 | H20 |
| 2 | 3/8 | .70 | .60 | R8044 | 1.50 | H20 |

* 22-16, 16-14 Stud Sizes available: 4, 6, 8, 10, 1/4, 5/16, 3/8
12-10, #8 Stud Sizes available: 6, 8, 10, 1/4, 5/16, 3/8



ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



Most terminals available tape mounted.
Consult Electro-Term/Hollingsworth with your specifications.



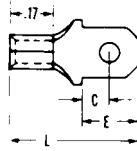
19
www.hollingsworth.com 800.638.8376

16/14 Male Slip-Ons

650°F

CMA Range 2050-5180

Barrel Inside Diameter .085/ 2.16 mm



Material: NICKEL PLATED BRASS Thickness: .032" / .813 mm

Basic Dimensions

| NEMA Tab | C | | NIT Brazed | Non-Insulated | | | |
|-------------|------|------|------------|---------------|------|------|-------|
| | in | mm | | E | E | L | L |
| .032 x .187 | .125 | 7.11 | SO9017S | .250 | 6.35 | 0.62 | 15.75 |
| .032 x .205 | .125 | 7.11 | SO9018S | .250 | 6.35 | 0.62 | 15.75 |
| .032 x .250 | .150 | 7.11 | SO9019S | .312 | 7.92 | 0.67 | 17.02 |
| Hand Tool | | | H4A | | | | |

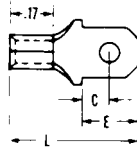
18/14 Male Slip-Ons

900°F

Also available in 1200°F Nickel

CMA Range 1600-5180

Barrel Inside Diameter .085/ 2.16 mm

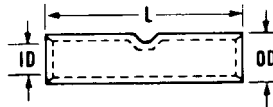


Material: NICKEL PLATED STEEL ALLOY Thickness: .032" / .813 mm

Basic Dimensions

| NEMA Tab | C | | NIT | Non-Insulated | | | |
|-----------|------|------|-----------|---------------|------|-----|-------|
| | in | mm | | E | E | L | L |
| .032x.187 | .125 | 3.18 | SO9012S | .250 | 6.35 | .62 | 15.75 |
| .020x.205 | .134 | 3.18 | SO9015S | .250 | 6.35 | .62 | 15.75 |
| .032x.250 | .134 | 3.40 | SO9016S † | .312 | 7.92 | .67 | 17.02 |
| Hand Tool | | | H16HT | | | | |

22/10 Butt connectors 650°F - 900°F



| Basic Dimensions | | | Material: NICKEL PLATED COPPER | Material: NICKEL PLATED STEEL ALLOY | | | | | | |
|------------------|-------------|------------|--------------------------------|-------------------------------------|------|------|------|------|-----|-------|
| | | | 650°F – Non-Insulated | 900°F – Non-Insulated | | | | | | |
| Wire Range | CMA Range | NIT Brazed | | NIT | I.D. | I.D. | O.D. | O.D. | L | L |
| | | | | | in | mm | in | mm | in | mm |
| 22-16 | 509-3260 | B1843B | | B1842 | .061 | 1.55 | .136 | 3.45 | .58 | 14.73 |
| 16-14 | 2050-5180 | B1846B | | B1845 | .065 | 2.16 | .159 | 4.04 | .58 | 14.73 |
| 12-10 | 5180-13,100 | B1853B | | B1852 | .131 | 3.33 | .221 | 5.61 | .74 | 18.80 |
| Hand Tool | | H4A | | H16HT | | | | | | |

Female Slip-Ons 900°F

18/14

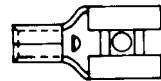
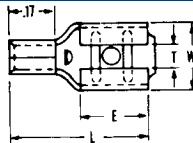
CMA Range 1600-5180

Barrel Inside Diameter .081/ 2.06 mm

12/10

CMA Range 5100-13,100

Barrel Inside Diameter .130/ 3.30 mm



Material: NICKEL PLATED STEEL ALLOY Thickness: .018" / .457 mm

Basic Dimensions

| NEMA Tab | W | | T | | NIT | Non-Insulated | | | | Hand Tool |
|-----------|------|------|------|------|----------|---------------|------|-----|-------|-----------|
| | in | mm | in | mm | | E | E | L | L | |
| .020x.187 | .233 | 5.92 | .026 | .660 | SO9750S | .250 | 6.35 | .59 | 14.99 | H12 |
| .032x.187 | .233 | 5.92 | .026 | .660 | SO9751S | .250 | 6.35 | .59 | 14.99 | H12 |
| .020x.205 | .250 | 6.35 | .026 | .660 | SO9752S | .250 | 6.35 | .59 | 14.99 | H12 |
| .032x.205 | .250 | 6.35 | .026 | .660 | SO9753S | .250 | 6.35 | .59 | 14.99 | H12 |
| .032x.250 | .296 | 7.52 | .065 | 1.65 | SO9754S | .300 | 7.62 | .64 | 16.26 | H12 |
| .032x.250 | .300 | 7.62 | .065 | 1.65 | SO9214 * | .300 | 7.62 | .72 | 18.29 | |

* 12/10 AWG

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



Terminals / Splices for Wire Sizes 8 AWG to 250 MCM

All terminals in this section are made from pure copper for highest conductivity. They are electro-tin plated to assure corrosion resistance. Serrated "V" grooves in the barrel of each terminal firmly grip the wire to assure maximum holding power. Insulation is colored to standard commercial specifications.

NIT BRAZED Non-Insulated Terminal



- Consists of a bare terminal with a smooth, silver-alloy brazed barrel
- Chamfered end of barrel affords fast and easy insertion of wire
 - Brazed barrel can be crimped anywhere (even on seam) without splitting
 - Some butt connectors and parallel splices are made from seamless tubular stock and offer the same advantages as brazed barrel parts. These parts are indicated by an †

FIT Fixed Insulated Terminal



- An assembly of a bare terminal with tightly fitting insulating sleeve made of PVC or nylon
- Offers excellent insulating qualities.
 - Resists minor vibrations
 - Insulation color-coded to standard commercial specifications

FIT FLARED Fixed Insulated Terminal Flared Insulation



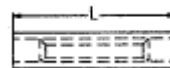
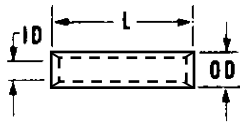
- An assembly of a bare terminal with a tightly fitted flared insulating sleeve made of PVC
- Flared insulation will accept heavily insulated wire
 - Offers excellent insulating qualities
 - Resists minor vibrations
 - Insulation color-coded to standard commercial specifications

FUNNEL FIT Fixed Insulated Terminal Funnel Entry



- An assembly of a brazed terminal with a tightly fitted nylon insulating sleeve
- Funnel entry barrel facilitates wire entry
 - Offers excellent insulating qualities
 - Prevents insulation unraveling
 - Resists minor vibrations
 - Insulation color-coded to standard commercial specifications

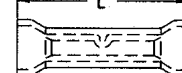
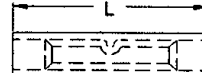
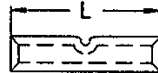
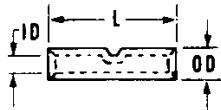
8 – 3/0 AWG Parallels



Material: SEAMLESS COPPER TUBULAR STOCK

| Wire Size | Basic Dimensions | | | | | Non-Insulated | | | | Insulated (Vinyl) | | | | | | | | |
|-----------|------------------|---------|---------|---------|---------|---------------|------|-------|-----------|-------------------|----------------|----------------|------------|----------------|----------------|------|-------|--------------|
| | CMA Range | I.D. in | I.D. mm | O.D. in | O.D. mm | NIT | L in | L mm | Hand Tool | FIT | Insul. Dia. in | Insul. Dia. mm | FIT Flared | Insul. Dia. in | Insul. Dia. mm | L in | L mm | Insul. Color |
| 8 | 13,000-20,800 | .19 | 4.83 | .28 | 7.11 | P1100 | .38 | 9.65 | H20 | P1110 | Not available | | | | | 1.05 | 26.67 | Red |
| 6 | 20,800-33,100 | .26 | 6.60 | .37 | 9.40 | P1200 | .46 | 11.68 | H20 | P1210 | .35 | 8.89 | P1210F | .430 | 10.92 | 1.19 | 30.23 | Blue |
| 4 | 33,100-52,600 | .31 | 7.87 | .43 | 10.92 | P1300 | .54 | 13.72 | H20 | P1310 | .42 | 10.67 | P1310F | .515 | 13.08 | 1.41 | 35.81 | Yellow |
| 1/0 | 83,700-119,500 | .45 | 11.43 | .57 | 14.48 | P1500 | .74 | 18.80 | | | | | | | | | | |
| 2/0 | 119,500-150,500 | .51 | 12.95 | .63 | 16.00 | P1600 | .74 | 18.80 | | Discontinued | | | | | | | | |
| 3/0 | 150,500-190,000 | .56 | 14.22 | .69 | 17.53 | P1700 | .77 | 19.56 | | | | | | | | | | |
| Hand Tool | | | | | | | | | | See Above H20 | | | | | H20 | | | |

8 – 1/0 AWG Butt Connectors



Material: COPPER

| Wire Size | Basic Dimensions | | | | | Non-Insulated | | | | Vinyl Insulated | | | | | Nylon Insulated | | | | | |
|-----------|------------------|---------|---------|---------|---------|---------------|---------|------|-----------|------------------|----------------|----------------|------------|----------------|-----------------|----------------|------|-------|--------------|---------|
| | CMA Range | I.D. in | I.D. mm | O.D. in | O.D. mm | NIT | L in | L mm | Hand Tool | FIT | Insul. Dia. in | Insul. Dia. mm | FIT Flared | Insul. Dia. in | | Insul. Dia. mm | L in | L mm | Insul. Color | |
| 8 | 13,100-20,800 | 0.17 | 4.32 | 0.28 | 7.11 | | BO100B | 0.77 | 19.56 | H20 | BO110B | 0.27 | 6.86 | BO110BF | 0.31 | 7.87 | 1.45 | 36.83 | Red | BO110BN |
| 6 | 20,800-33,100 | 0.23 | 5.84 | 0.36 | 9.14 | | BO200B | 1.02 | 25.91 | H20 | BO210B | 0.35 | 8.89 | BO210BF | 0.43 | 10.92 | 1.86 | 47.24 | Blue | |
| 4 | 33,100-52,600 | 0.31 | 7.87 | 0.43 | 10.92 | | BO300 | 1.2 | 30.48 | H20 | BO310 †* | Not available | | BO310F | 0.51 | 13.08 | 2.03 | 51.56 | Yellow | |
| 2 | 52,600-83,700 | 0.39 | 9.91 | 0.53 | 13.46 | | BO401 | 1.37 | 34.8 | H20 | BO411 † | Not available | | BO411F | 0.65 | 16.51 | 2.38 | 60.45 | Red | |
| 1/0 | 83,700-119,500 | 0.44 | 11.18 | 0.6 | 15.24 | | BO500 † | 1.42 | 36.07 | | | | | | | | | | | |
| Hand Tool | | | | | | | | | | See Above H20 N* | | | | | H20 | | | | | |

† Made from seamless tubular stock

N* Items on this page are also available in nylon. To order, add N suffix to catalog number. Example: BO110BN

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



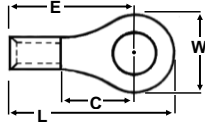
Most terminals available tape mounted.
Consult Electro-Term/Hollingsworth with your specifications.



21
www.hollingsworth.com 800.638.8376

8 Rings

CMA Range 13,100-20,800 Barrel Inside Diameter .173" / 4.39 mm



R3500B

Material: **COPPER**
Thickness: .045" / 1.14 mm



R3504BF

Insulated (Red Vinyl)

Insulation Diameter
.265" / 6.73 mm



R3032BFN

Insulated (Red Nylon)

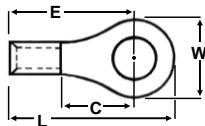
Insulation Diameter
.315" / 8.00 mm

| Stud Size | Basic Dimensions | | | | NIT Brazed | Non-Insulated | | | | Insulated (Red Vinyl) | | | | Insulated (Red Nylon) | | | | | | |
|--------------------|------------------|-------|------|-------|------------|---------------|-------|------|-------|-----------------------|-------|-------|------|-----------------------|------------|------------|------|-------|------|-------|
| | W in | W mm | C in | C mm | | E in | E mm | L in | L mm | FIT | E in | E mm | L in | L mm | FIT Flared | Funnel FIT | E in | E mm | L in | L mm |
| 8 | .38 | 9.65 | .39 | 9.91 | R3499B | .72 | 18.29 | .90 | 22.86 | R3503B | 1.04 | 26.42 | 1.23 | 31.24 | R3503BF | R3503BFN | 1.16 | 29.46 | 1.35 | 34.29 |
| 8 | .47 | 11.94 | .39 | 9.91 | R2996B | .72 | 18.29 | .95 | 24.13 | R3030B | 1.04 | 26.42 | 1.28 | 32.51 | R3030BF | R3030BFN | 1.16 | 29.46 | 1.39 | 35.31 |
| 10 | .38 | 9.65 | .39 | 9.91 | R3500B | .72 | 18.29 | .90 | 22.86 | R3504B | 1.04 | 26.42 | 1.23 | 31.24 | R3504BF | R3504BFN | 1.16 | 29.46 | 1.35 | 34.29 |
| 10 | .47 | 11.94 | .39 | 9.91 | R3460B | .72 | 18.29 | .95 | 24.13 | R3031B | 1.04 | 26.42 | 1.28 | 32.51 | R3031BF | R3031BFN | 1.16 | 29.46 | 1.39 | 35.31 |
| 10 | .59 | 14.99 | .57 | 14.48 | R3445B | .91 | 23.11 | 1.20 | 30.48 | R3027B | 1.23 | 31.24 | 1.53 | 38.86 | R3027BF | R3027BFN | 1.34 | 34.04 | 1.63 | 41.40 |
| 1/4 | .38 | 9.65 | .39 | 9.91 | R3501B | .72 | 18.29 | .90 | 22.86 | R3502B | 1.04 | 26.42 | 1.23 | 31.24 | R3502BF | R3502BFN | 1.16 | 29.46 | 1.35 | 34.29 |
| 1/4 | .47 | 11.94 | .39 | 9.91 | R3461B | .72 | 18.29 | .95 | 24.13 | R3032B | 1.04 | 26.42 | 1.28 | 32.51 | R3032BF | R3032BFN | 1.16 | 29.46 | 1.39 | 35.31 |
| 1/4 | .59 | 14.99 | .57 | 14.48 | R3444B | .91 | 23.11 | 1.20 | 30.48 | R3028B | 1.23 | 31.24 | 1.53 | 38.86 | R3028BF | R3028BFN | 1.34 | 34.04 | 1.63 | 41.40 |
| 5/16 | .59 | 14.99 | .57 | 14.48 | R3462B | .91 | 23.11 | 1.20 | 30.48 | R3033B | 1.23 | 31.24 | 1.53 | 38.86 | R3033BF | R3033BFN | 1.34 | 34.04 | 1.63 | 41.40 |
| 3/8 | .59 | 14.99 | .57 | 14.48 | R3463B | .91 | 23.11 | 1.20 | 30.48 | R3034B | 1.23 | 31.24 | 1.53 | 38.86 | R3034BF | R3034BFN | 1.34 | 34.04 | 1.63 | 41.40 |
| 3/8 | .88 | 22.35 | 1.00 | 25.40 | R3491B | 1.33 | 33.78 | 1.76 | 44.70 | R3043B | 1.65 | 41.91 | 2.09 | 53.09 | R3043BF | R3043BFN | 1.77 | 44.96 | 2.21 | 56.13 |
| 1/2 | .88 | 22.35 | 1.00 | 25.40 | R3492B | 1.33 | 33.78 | 1.76 | 44.70 | R3042B | 1.65 | 41.91 | 2.09 | 53.09 | R3042BF | R3042BFN | 1.77 | 44.96 | 2.21 | 56.13 |
| 1/2 | 1.25 | 31.75 | 1.00 | 25.40 | R3494B | 1.33 | 33.78 | 1.95 | 49.53 | R3039B | 1.65 | 41.91 | 2.28 | 57.91 | R3039BF | R3039BFN | 1.77 | 44.96 | 2.39 | 60.71 |
| 5/8 | .88 | 22.35 | 1.00 | 25.40 | R3493B | 1.33 | 33.78 | 1.76 | 44.70 | R3044B | 1.65 | 41.91 | 2.09 | 53.09 | R3044BF | R3044BFN | 1.77 | 44.96 | 2.21 | 56.13 |
| 5/8 | 1.25 | 31.75 | 1.00 | 25.40 | R3495B | 1.33 | 33.78 | 1.95 | 49.53 | R3040B | 1.65 | 41.91 | 2.28 | 57.91 | R3040BF | R3040BFN | 1.77 | 44.96 | 2.39 | 60.71 |
| 3/4 | 1.25 | 31.75 | 1.00 | 25.40 | R3496B | 1.33 | 33.78 | 1.95 | 49.53 | R3041B | 1.65 | 41.91 | 2.28 | 57.91 | R3041BF | R3041BFN | 1.77 | 44.96 | 2.39 | 60.71 |
| Approved Hand Tool | | | | | H20 | H20 | | | | | H20 | | | | | H20 | | | | |
| | | | | | X* | | | | | | N* X* | | | | | X* X* | | | | |

N* Marked items are also available in nylon. To order, add N suffix to catalog number. Example: R3503BN

6 Rings

CMA Range 20,800-33,100 Barrel Inside Diameter .238" / 6.05 mm



R64643B

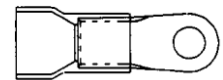
Material: **COPPER**
Thickness: .057" / 1.45 mm



R4003BF

Insulated (Blue Vinyl)

Insulation Diameter
.350" / 8.89 mm



Insulated (Blue Nylon)

Insulation Diameter
.334" / 8.48 mm

| Stud Size | Basic Dimensions | | | | NIT Brazed | Non-Insulated | | | | Insulated (Blue Vinyl) | | | | Insulated (Blue Nylon) | | | | | | |
|--------------------|------------------|-------|------|-------|------------|---------------|-------|------|-------|------------------------|------|-------|------|------------------------|------------|------------|------|-------|------|-------|
| | W in | W mm | C in | C mm | | E in | E mm | L in | L mm | FIT | E in | E mm | L in | L mm | FIT Flared | Funnel FIT | E in | E mm | L in | L mm |
| 10 | .47 | 11.94 | .54 | 13.72 | R64641B | .95 | 24.13 | 1.18 | 29.97 | R4001B | 1.38 | 35.05 | 1.62 | 41.15 | R4001BF | R4001BN | 1.38 | 35.05 | 1.61 | 40.89 |
| 1/4 | .47 | 11.94 | .54 | 13.72 | R64642B | .95 | 24.13 | 1.18 | 29.97 | R4002B | 1.38 | 35.05 | 1.62 | 41.15 | R4002BF | R4002BN | 1.38 | 35.05 | 1.61 | 40.89 |
| 1/4 | .63 | 16.00 | .54 | 13.72 | R64651B | .95 | 24.13 | 1.26 | 32.00 | R4010B | 1.38 | 35.05 | 1.70 | 43.18 | R4010BF | R4010BN | 1.38 | 35.05 | 1.69 | 42.93 |
| 5/16 | .63 | 16.00 | .54 | 13.72 | R64643B | .95 | 24.13 | 1.26 | 32.00 | R4003B | 1.38 | 35.05 | 1.70 | 43.18 | R4003BF | R4003BN | 1.38 | 35.05 | 1.69 | 42.93 |
| 3/8 | .63 | 16.00 | .54 | 13.72 | R64644B | .95 | 24.13 | 1.26 | 32.00 | R4004B | 1.38 | 35.05 | 1.70 | 43.18 | R4004BF | R4004BN | 1.38 | 35.05 | 1.69 | 42.93 |
| 7/16 | .63 | 16.00 | .54 | 13.72 | R64645B | .95 | 24.13 | 1.26 | 32.00 | R4005B | 1.38 | 35.05 | 1.70 | 43.18 | R4005BF | R4005BN | 1.38 | 35.05 | 1.69 | 42.93 |
| 1/2 | .88 | 22.35 | 1.00 | 25.40 | R64654B | 1.41 | 35.81 | 1.85 | 46.99 | R4007B | 1.85 | 46.99 | 2.28 | 57.91 | R4007BF | R4007BN | 1.84 | 46.74 | 2.28 | 57.91 |
| 5/8 | .88 | 22.35 | 1.00 | 25.40 | R64655B | 1.41 | 35.81 | 1.85 | 46.99 | R4008B | 1.85 | 46.99 | 2.28 | 57.91 | R4008BF | R4008BN | 1.84 | 46.74 | 2.28 | 57.91 |
| Approved Hand Tool | | | | | H20 | H20 | | | | | H20 | | | | | H20 | | | | |
| | | | | | X* | | | | | | X* | | | | | X* | | | | |

X* Items on this page are available bent 90°. To order, add X suffix to catalog number. Example: R3460BX

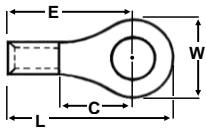
ALL Terminals on this page are and certified when used with approved Hollingsworth tooling (includes Hollingsworth Automatic Crimp Presses).

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



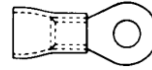
4 Rings

CMA Range 33,100-52,600 Barrel Inside Diameter .287"/ 7.29 mm

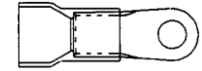


R5002B

Material: **COPPER** Thickness: .068" / 1.73 mm



Insulated (Yellow Vinyl)

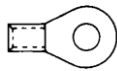
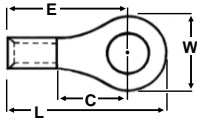


Insulated (Yellow Nylon)

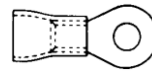
| Basic Dimensions | | | | | Non-Insulated | | | | | Insulation Diameter .420" / 10.66 mm | | | | Insulation Diameter .515" / 13.08 mm | | | | Insulation Diameter .418" / 10.62 mm | | | |
|--------------------|------|-------|------|-------|---------------|------|-------|------|-------|---|------|-------|------|---|------------|---------|------|---|------|-------|--|
| Stud Size | W in | W mm | C in | C mm | NIT Brazed | E in | E mm | L in | L mm | FIT | E in | E mm | L in | L mm | FIT Flared | FIT | E in | E mm | L in | L mm | |
| 10 | .56 | 14.22 | .50 | 12.70 | R5000B | .97 | 24.64 | 1.25 | 31.35 | R5100B | 1.47 | 37.34 | 1.75 | 44.45 | R5100BF | R5100BN | 1.46 | 37.08 | 1.74 | 44.20 | |
| 10 | .66 | 16.76 | .50 | 12.70 | R5013B | .97 | 24.64 | 1.30 | 33.02 | R5128B | 1.48 | 37.59 | 1.81 | 45.97 | R5128BF | R5128BN | 1.46 | 37.08 | 1.79 | 45.46 | |
| 1/4 | .56 | 14.22 | .50 | 12.70 | R5001B | .97 | 24.64 | 1.24 | 31.50 | R5101B | 1.47 | 37.34 | 1.75 | 44.45 | R5101BF | R5101BN | 1.47 | 37.34 | 1.74 | 44.20 | |
| 1/4 | .66 | 16.76 | .50 | 12.70 | R5006B | .97 | 24.64 | 1.30 | 33.02 | R5127B | 1.48 | 37.59 | 1.81 | 45.97 | R5127BF | R5127BN | 1.46 | 37.08 | 1.79 | 45.46 | |
| 5/16 | .66 | 16.76 | .50 | 12.70 | R5002B | .97 | 24.64 | 1.30 | 33.02 | R5102B | 1.48 | 37.59 | 1.81 | 45.97 | R5102BF | R5102BN | 1.46 | 37.08 | 1.79 | 45.46 | |
| 3/8 | .66 | 16.76 | .50 | 12.70 | R5003B | .97 | 24.64 | 1.30 | 33.02 | R5103B | 1.48 | 37.59 | 1.81 | 45.97 | R5103BF | R5103BN | 1.46 | 37.08 | 1.79 | 45.46 | |
| 3/8 | .88 | 22.35 | 1.00 | 25.40 | R5028B | 1.46 | 37.08 | 1.90 | 48.26 | R5138B | 1.98 | 50.29 | 2.41 | 61.21 | R5138BF | R5138BN | 1.96 | 49.78 | 2.40 | 60.96 | |
| 7/16 | .66 | 16.76 | .50 | 12.70 | R5004B | .97 | 24.64 | 1.30 | 33.02 | R5104B | 1.48 | 37.59 | 1.81 | 45.97 | R5104BF | R5104BN | 1.46 | 37.08 | 1.79 | 45.46 | |
| 1/2 | .88 | 22.35 | 1.00 | 25.40 | R5007B | 1.46 | 37.08 | 1.90 | 48.26 | R5122B | 1.98 | 50.29 | 2.41 | 61.21 | R5122BF | R5122BN | 1.96 | 49.78 | 2.40 | 60.96 | |
| 1/2 | 1.25 | 31.75 | 1.00 | 25.40 | R5012B | 1.46 | 37.08 | 2.10 | 53.34 | R5126B | 1.98 | 50.29 | 2.60 | 66.04 | R5126BF | R5126BN | 1.95 | 49.53 | 2.59 | 65.79 | |
| 5/8 | .88 | 22.35 | 1.00 | 25.40 | R5030B | 1.46 | 37.08 | 1.90 | 48.26 | R5123B | 1.98 | 50.29 | 2.41 | 61.21 | R5123BF | R5123BN | 1.96 | 49.78 | 2.40 | 60.96 | |
| 5/8 | 1.25 | 31.75 | 1.00 | 25.40 | R5010B | 1.46 | 37.08 | 2.10 | 53.34 | R5124B | 1.98 | 50.29 | 2.60 | 66.04 | R5124BF | R5124BN | 1.95 | 49.53 | 2.59 | 65.79 | |
| Approved Hand Tool | | | | | H20 | | | | | H20 | | | | | H20 | | | | | H20 | |
| | | | | | UL | X* | | | | UL | X* | | | | UL | X* | | | | UL | |

2 Rings

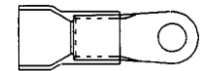
CMA Range 52,600-83,700 Barrel Inside Diameter .355"/9.02 mm



Material: **COPPER** Thickness: .078" / 1.98 mm



Insulated (Red Vinyl)



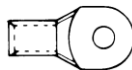
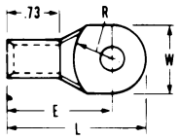
Insulated (Red Nylon)

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulation Diameter .517" / 13.13 mm | | | | Insulation Diameter .650" / 16.51 mm | | | | Insulation Diameter .650" / 16.51 mm | | | |
|------------------|------|-------|------|-------|---------------|------|-------|------|-------|---|------|-------|------|---|------------|------------|------|---|------|-------|--|
| Stud Size | W in | W mm | C in | C mm | NIT Brazed | E in | E mm | L in | L mm | FIT | E in | E mm | L in | L mm | FIT Flared | Funnel FIT | E in | E mm | L in | L mm | |
| 10 | .60 | 15.24 | .60 | 15.24 | R7999B | 1.15 | 29.21 | 1.45 | 36.83 | R7998B | 1.67 | 42.42 | 1.97 | 50.04 | R7998BF | R7998BFN | 1.78 | 45.21 | 2.08 | 52.83 | |
| 10 | .81 | 20.57 | .60 | 15.24 | R7994B | 1.15 | 29.21 | 1.55 | 39.37 | R7995B | 1.67 | 42.42 | 2.07 | 52.58 | R7995BF | R7995BFN | 1.78 | 45.21 | 2.18 | 55.37 | |
| 1/4 | .60 | 15.24 | .60 | 15.24 | R8000B | 1.15 | 29.21 | 1.45 | 36.83 | R8100B | 1.67 | 42.42 | 1.97 | 50.04 | R8100BF | R8100BFN | 1.78 | 45.21 | 2.08 | 52.83 | |
| 1/4 | .70 | 17.78 | .60 | 15.24 | R8001B | 1.15 | 29.21 | 1.50 | 38.10 | R8101B | 1.67 | 42.42 | 2.02 | 51.31 | R8101BF | R8101BFN | 1.78 | 45.21 | 2.13 | 54.10 | |
| 1/4 | .81 | 20.57 | .60 | 15.24 | R8017B | 1.15 | 29.21 | 1.55 | 39.37 | R8108B | 1.67 | 42.42 | 2.07 | 52.58 | R8108BF | R8108BFN | 1.78 | 45.21 | 2.18 | 55.37 | |
| 5/16 | .70 | 17.78 | .60 | 15.24 | R8002B | 1.15 | 29.21 | 1.50 | 38.10 | R8102B | 1.67 | 42.42 | 2.02 | 51.31 | R8102BF | R8102BFN | 1.78 | 45.21 | 2.13 | 54.10 | |
| 3/8 | .70 | 17.78 | .60 | 15.24 | R8003B | 1.15 | 29.21 | 1.50 | 38.10 | R8103B | 1.67 | 42.42 | 2.02 | 51.31 | R8103BF | R8103BFN | 1.78 | 45.21 | 2.13 | 54.10 | |
| 3/8 | .81 | 20.57 | .60 | 15.24 | R8016B | 1.15 | 29.21 | 1.55 | 39.37 | R8112B | 1.67 | 42.42 | 2.07 | 52.58 | R8112BF | R8112BFN | 1.78 | 45.21 | 2.18 | 55.37 | |
| 7/16 | .81 | 20.57 | .60 | 15.24 | R8005B | 1.15 | 29.21 | 1.55 | 39.37 | R8105B | 1.67 | 42.42 | 2.07 | 52.58 | R8105BF | R8105BFN | 1.78 | 45.21 | 2.18 | 55.37 | |
| 1/2 | .81 | 20.57 | .60 | 15.24 | R8004B | 1.15 | 29.21 | 1.55 | 39.37 | R8104B | 1.67 | 42.42 | 2.07 | 52.58 | R8104BF | R8104BFN | 1.78 | 45.21 | 2.18 | 55.37 | |
| Hand Tool | | | | | H20 | | | | | H20 | | | | | H20 | | | | | H20 | |
| | | | | | X* | | | | | N* | X* | | | | X* | | | | | X* | |

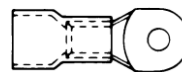
1 Rings - Special Order

CMA Range 83,100-105,600

Barrel Inside Dia. .355"/9.02 mm Max Wire Dia. .380" / 9.65mm



Material: **COPPER** Thickness: .060" / 1.52 mm



Insulated (White Nylon)

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulation Diameter .590" / 14.99 mm | | | | |
|------------------|------|-------|------|-------|---------------|------|-------|------|-------|---|------|-------|------|-------|
| Stud Size | W in | W mm | R in | R mm | NIT Brazed | E in | E mm | L in | L mm | Funnel FIT | E in | E mm | L in | L mm |
| 1/4 | .71 | 18.03 | .58 | 14.73 | R8400B | 1.49 | 37.85 | 1.84 | 46.74 | R8450BFN | 2.14 | 54.36 | 2.49 | 63.25 |
| 5/16 | .71 | 18.03 | .58 | 14.73 | R8401B | 1.49 | 37.85 | 1.84 | 46.74 | R8451BFN | 2.14 | 54.36 | 2.49 | 63.25 |
| 3/8 | .71 | 18.03 | .58 | 14.73 | R8402B | 1.49 | 37.85 | 1.84 | 46.74 | R8452BFN | 2.14 | 54.36 | 2.49 | 63.25 |
| 7/16 | .71 | 18.03 | .58 | 14.73 | R8403B | 1.49 | 37.85 | 1.84 | 46.74 | R8453BFN | 2.14 | 54.36 | 2.49 | 63.25 |
| 1/2 | .71 | 18.03 | .58 | 14.73 | R8404B | 1.49 | 37.85 | 1.84 | 46.74 | R8454BFN | 2.14 | 54.36 | 2.49 | 63.25 |
| Hand Tool | | | | | H30/H40 | | | | | H30/H40 | | | | |
| | | | | | X* | | | | | X* | | | | |

N* Marked items are available in nylon. To order, add N suffix to catalog number.

Example: R5102BN

X* Items on this page are available bent 90°. To order, add X suffix to catalog number.

Example: R3460BX

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



Most terminals available tape mounted. Consult Electro-Term/Hollingsworth with your specifications.



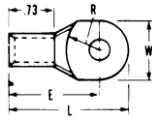
www.hollingsworth.com 800.638.8376

1/0 Rings

CMA Range 83,700-119,500

Barrel Inside Diameter .443" / 11.25 mm
Max Wire Diameter .435" / 11.05 mm

Parts in this chart are available on tape.



R8202B

Material: COPPER Thickness: .075" / 1.90 mm



Insulated (Blue Nylon)

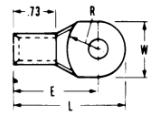
Insul. Dia. .695" / 17.65 mm

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulated (Blue Nylon) | | | | |
|------------------|-----|-------|-----|-------|---------------|------|-------|------|-------|------------------------|------|-------|------|-------|
| Stud Size | W | W | R | R | NIT Brazed | E | E | L | L | Funnel FIT | E | E | L | L |
| | in | mm | in | mm | | in | mm | in | mm | | in | mm | in | mm |
| 1/4 | .88 | 22.35 | .53 | 13.46 | R8202B | 1.49 | 37.85 | 1.93 | 49.02 | R8302BFN | 2.18 | 55.37 | 2.63 | 66.80 |
| 5/16 | .88 | 22.35 | .53 | 13.46 | R8203B | 1.49 | 37.85 | 1.93 | 49.02 | R8303BFN | 2.18 | 55.37 | 2.63 | 66.80 |
| 3/8 | .88 | 22.35 | .53 | 13.46 | R8204B | 1.49 | 37.85 | 1.93 | 49.02 | R8304BFN | 2.18 | 55.37 | 2.63 | 66.80 |
| 7/16 | .88 | 22.35 | .53 | 13.46 | R8205B | 1.49 | 37.85 | 1.93 | 49.02 | R8305BFN | 2.18 | 55.37 | 2.63 | 66.80 |
| 1/2 | .88 | 22.35 | .53 | 13.46 | R8206B | 1.49 | 37.85 | 1.93 | 49.02 | R8306BFN | 2.18 | 55.37 | 2.63 | 66.80 |
| Hand Tool | | | | | H30/H40 | | | | | H30/H40 | | | | |

2/0 Rings

CMA Range 119,500-150,500

Barrel Inside Diameter .502" / 12.75 mm
Max Wire Diameter .490" / 12.45 mm



R8220B

Material: COPPER Thickness: .083" / 2.10 mm



Insulated (Yellow Nylon)

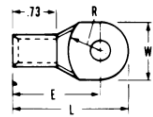
Insul. Dia. .785" / 19.93 mm

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulated (Yellow Nylon) | | | | |
|------------------|-----|-------|-----|-------|---------------|------|-------|------|-------|--------------------------|------|-------|------|-------|
| Stud Size | W | W | R | R | NIT Brazed | E | E | L | L | Funnel FIT | E | E | L | L |
| | in | mm | in | mm | | in | mm | in | mm | | in | mm | in | mm |
| 1/4 | .93 | 23.62 | .53 | 13.46 | R8220B | 1.50 | 38.10 | 1.97 | 50.04 | R8320BFN | 2.23 | 56.64 | 2.71 | 68.83 |
| 5/16 | .93 | 23.62 | .53 | 13.46 | R8221B | 1.50 | 38.10 | 1.97 | 50.04 | R8321BFN | 2.23 | 56.64 | 2.71 | 68.83 |
| 3/8 | .93 | 23.62 | .53 | 13.46 | R8222B | 1.50 | 38.10 | 1.97 | 50.04 | R8322BFN | 2.23 | 56.64 | 2.71 | 68.83 |
| 7/16 | .93 | 23.62 | .53 | 13.46 | R8223B | 1.50 | 38.10 | 1.97 | 50.04 | R8323BFN | 2.23 | 56.64 | 2.71 | 68.83 |
| 1/2 | .93 | 23.62 | .53 | 13.46 | R8224B | 1.50 | 38.10 | 1.97 | 50.04 | R8324BFN | 2.23 | 56.64 | 2.71 | 68.83 |
| Hand Tool | | | | | H30/H40 | | | | | H30/H40 | | | | |

3/0 Rings

CMA Range 150,500-190,900

Barrel Inside Diameter .572" / 14.53 mm
Max Wire Diameter .560" / 14.22 mm



R8237B

Material: COPPER Thickness: .093" / 2.36 mm



Insulated (Red Nylon)

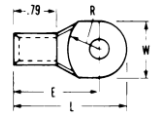
Insul. Dia. .810" / 20.57 mm

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulated (Red Nylon) | | | | |
|------------------|------|-------|-----|-------|---------------|------|-------|------|-------|-----------------------|------|-------|------|-------|
| Stud Size | W | W | R | R | NIT Brazed | E | E | L | L | Funnel FIT | E | E | L | L |
| | in | mm | in | mm | | in | mm | in | mm | | in | mm | in | mm |
| 1/4 | 1.08 | 27.43 | .62 | 15.75 | R8237B | 1.63 | 41.40 | 2.17 | 55.12 | R8337BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| 5/16 | 1.08 | 27.43 | .62 | 15.75 | R8238B | 1.63 | 41.40 | 2.17 | 55.12 | R8338BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| 3/8 | 1.08 | 27.43 | .62 | 15.75 | R8239B | 1.63 | 41.40 | 2.17 | 55.12 | R8339BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| 7/16 | 1.08 | 27.43 | .62 | 15.75 | R8240B | 1.63 | 41.40 | 2.17 | 55.12 | R8340BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| 1/2 | 1.08 | 27.43 | .62 | 15.75 | R8241B | 1.63 | 41.40 | 2.17 | 55.12 | R8341BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| 5/8 | 1.08 | 27.43 | .62 | 15.75 | R8242B | 1.63 | 41.40 | 2.17 | 55.12 | R8342BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| 3/4 | 1.08 | 27.43 | .62 | 15.75 | R8243B | 1.63 | 41.40 | 2.17 | 55.12 | R8343BFN | 2.29 | 58.17 | 2.87 | 72.90 |
| Hand Tool | | | | | H40 | | | | | H40 | | | | |

4/0 Rings

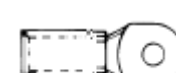
CMA Range 190,000-231,000

Barrel Inside Diameter .641" / 16.28 mm
Max Wire Diameter .635" / 16.01 mm



R8257B

Material: COPPER Thickness: .105" / 24.39 mm



Insulated (Blue Nylon)

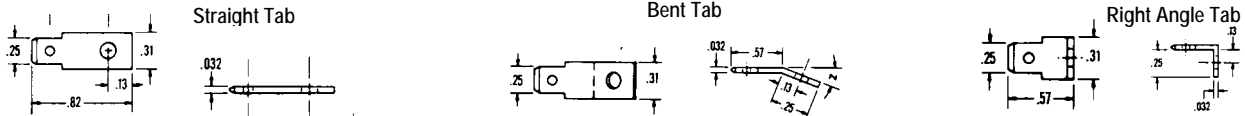
Insul. Dia. .960" / 24.38 mm

| Basic Dimensions | | | | | Non-Insulated | | | | | Insulated (Blue Nylon) | | | | |
|------------------|------|-------|-----|-------|---------------|------|-------|------|-------|------------------------|------|-------|------|-------|
| Stud Size | W | W | R | R | NIT Brazed | E | E | L | L | Funnel FIT | E | E | L | L |
| | in | mm | in | mm | | in | mm | in | mm | | in | mm | in | mm |
| 1/4 | 1.14 | 28.96 | .62 | 15.75 | R8256B | 1.64 | 41.65 | 2.21 | 56.13 | R8356BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| 5/16 | 1.14 | 28.96 | .62 | 15.75 | R8257B | 1.64 | 41.65 | 2.21 | 56.13 | R8357BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| 3/8 | 1.14 | 28.96 | .62 | 15.75 | R8258B | 1.64 | 41.65 | 2.21 | 56.13 | R8358BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| 7/16 | 1.14 | 28.96 | .62 | 15.75 | R8259B | 1.64 | 41.65 | 2.21 | 56.13 | R8359BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| 1/2 | 1.14 | 28.96 | .62 | 15.75 | R8260B | 1.64 | 41.65 | 2.21 | 56.13 | R8360BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| 5/8 | 1.14 | 28.96 | .62 | 15.75 | R8261B | 1.64 | 41.65 | 2.21 | 56.13 | R8361BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| 3/4 | 1.14 | 28.96 | .62 | 15.75 | R8262B | 1.64 | 41.65 | 2.21 | 56.13 | R8362BFN | 2.37 | 60.20 | 2.97 | 75.44 |
| Hand Tool | | | | | H40 | | | | | H40 | | | | |

Standard Barrel configurations shown – customized configurations available.



.032 x .250 Male Tabs



Material: TIN PLATED BRASS Thickness: .032" / .813 mm

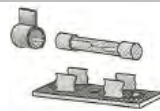
| Stud Size | Angle "Z" | Type Tab | NIT |
|-----------|-----------|-------------|--------|
| 6 | 0 | Straight | H106 † |
| 6 | 30 | Bent | H130 |
| 6 | 45 | Bent | H132 |
| 6 | 60 | Bent | H134 |
| 6 | 90 | Right Angle | H116 |
| 8 | 0 | Straight | H108 † |
| 8 | 30 | Bent | H131 |
| 8 | 45 | Bent | H133 |
| 8 | 60 | Bent | H135 |
| 8 | 90 | Right Angle | H118 |

† The H106 and H108 Straight tabs are used to create the bent tab parts immediately following, i.e., H106 bent 30° = H130.

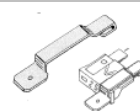
Fuse Adaptors & Tap



Male Fuse Clip Adaptor
A47



AGC Fuse Adaptor
A50-AGC

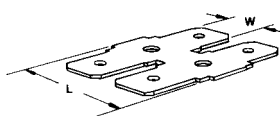


ATO Fuse Adaptor
A50-ATO

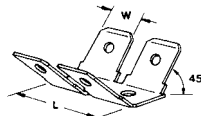


Mini Fuse Tap
A50-MIN

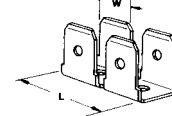
.032 x .250 Male Tab pairs



STYLE K



STYLE L

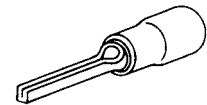
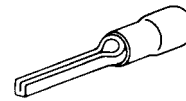
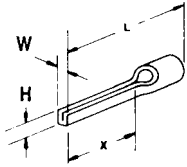


STYLE M

Material Thickness: .032" / .813 mm "W" Dimension: .250" / 6.35 mm

| NIT | Pairs | Style | Hole Diameter | Material | L | L | NIT | Pairs | Style | Hole Diameter | Material | L | L |
|-------|-------|-------|---------------|------------------|-------|-------|-------|-------|-------|---------------|------------------|-------|--------|
| | | | in mm | | in | mm | | | | in mm | | in | mm |
| H2601 | 1 | K | .130 3.30 | Brass | .315 | 8.00 | H2635 | 1 | L | .171 4.34 | Tin Plated Brass | .315 | 8.00 |
| H2602 | 2 | K | .130 3.30 | Brass | .690 | 17.53 | H2636 | 6 | L | .130 3.30 | Tin Plated Brass | 2.191 | 55.65 |
| H2603 | 3 | K | .130 3.30 | Brass | 1.065 | 27.05 | H2641 | 1 | M | .097 2.46 | Brass | .315 | 8.00 |
| H2604 | 4 | K | .130 3.30 | Brass | 1.440 | 36.58 | H2642 | 2 | M | .097 2.46 | Brass | .690 | 17.53 |
| H2605 | 1 | K | .152 3.86 | Brass | .315 | 8.00 | H2643 | 1 | M | .130 3.30 | Brass | .315 | 8.00 |
| H2606 | 1 | K | .171 4.34 | Brass | .315 | 8.00 | H2644 | 2 | M | .130 3.30 | Brass | .690 | 17.53 |
| H2607 | 2 | K | .171 4.34 | Brass | .690 | 17.53 | H2645 | 3 | M | .130 3.30 | Brass | 1.065 | 27.05 |
| H2608 | 3 | K | .171 4.34 | Brass | 1.065 | 27.05 | H2646 | 4 | M | .130 3.30 | Brass | 1.440 | 36.58 |
| H2609 | 4 | K | .171 4.34 | Brass | 1.440 | 36.58 | H2647 | 5 | M | .130 3.30 | Brass | 1.816 | 46.13 |
| H2610 | 1 | K | .187 4.74 | Brass | .315 | 8.00 | H2648 | 6 | M | .130 3.30 | Brass | 2.191 | 55.65 |
| H2611 | 1 | K | .130 3.30 | Tin Plated Brass | .315 | 8.00 | H2649 | 7 | M | .130 3.30 | Brass | 2.565 | 65.15 |
| H2612 | 2 | K | .130 3.30 | Tin Plated Brass | .690 | 17.53 | H2650 | 9 | M | .130 3.30 | Brass | 3.316 | 84.23 |
| H2613 | 3 | K | .130 3.30 | Tin Plated Brass | 1.065 | 27.05 | H2651 | 12 | M | .130 3.30 | Brass | 4.441 | 112.80 |
| H2614 | 4 | K | .130 3.30 | Tin Plated Brass | 1.440 | 36.58 | H2652 | 1 | M | .152 3.86 | Brass | .315 | 8.00 |
| H2615 | 7 | K | .130 3.30 | Tin Plated Brass | 2.565 | 65.15 | H2653 | 1 | M | .171 4.34 | Brass | .315 | 8.00 |
| H2616 | 6 | K | .130 3.30 | Brass | 2.191 | 55.65 | H2654 | 2 | M | .171 4.34 | Brass | .690 | 17.53 |
| H2617 | 6 | K | .130 3.30 | Tin Plated Brass | 2.191 | 55.65 | H2655 | 3 | M | .171 4.34 | Brass | 1.065 | 27.05 |
| H2618 | 7 | K | .130 3.30 | Brass | 2.565 | 65.15 | H2656 | 4 | M | .171 4.34 | Brass | 1.440 | 36.58 |
| H2621 | 1 | L | .130 3.30 | Brass | .315 | 8.00 | H2661 | 1 | M | .097 2.46 | Tin Plated Brass | .315 | 8.00 |
| H2622 | 2 | L | .130 3.30 | Brass | .690 | 17.53 | H2662 | 1 | M | .130 3.30 | Tin Plated Brass | .315 | 8.00 |
| H2623 | 3 | L | .130 3.30 | Brass | 1.065 | 27.05 | H2663 | 2 | M | .130 3.30 | Tin Plated Brass | .690 | 17.53 |
| H2624 | 4 | L | .130 3.30 | Brass | 1.440 | 36.58 | H2664 | 3 | M | .130 3.30 | Tin Plated Brass | 1.065 | 27.05 |
| H2625 | 1 | L | .171 4.34 | Brass | .315 | 8.00 | H2665 | 4 | M | .130 3.30 | Tin Plated Brass | 1.440 | 36.58 |
| H2626 | 2 | L | .171 4.34 | Brass | .690 | 17.53 | H2666 | 5 | M | .130 3.30 | Tin Plated Brass | 1.816 | 46.13 |
| H2627 | 3 | L | .171 4.34 | Brass | 1.065 | 27.05 | H2667 | 6 | M | .130 3.30 | Tin Plated Brass | 2.191 | 55.65 |
| H2628 | 4 | L | .171 4.34 | Brass | 1.440 | 36.58 | H2668 | 7 | M | .130 3.30 | Tin Plated Brass | 2.565 | 65.15 |
| H2629 | 6 | L | .130 3.30 | Brass | 2.191 | 55.65 | H2669 | 12 | M | .130 3.30 | Tin Plated Brass | 4.441 | 112.80 |
| H2631 | 1 | L | .130 3.30 | Tin Plated Brass | .315 | 8.00 | H2670 | 1 | M | .152 3.86 | Tin Plated Brass | .315 | 8.00 |
| H2632 | 2 | L | .130 3.30 | Tin Plated Brass | .690 | 17.53 | H2671 | 1 | M | .171 4.34 | Tin Plated Brass | .315 | 8.00 |
| H2633 | 3 | L | .130 3.30 | Tin Plated Brass | 1.065 | 27.05 | H2672 | 4 | M | .171 4.34 | Tin Plated Brass | 1.440 | 36.58 |
| H2634 | 4 | L | .130 3.30 | Tin Plated Brass | 1.440 | 36.58 | | | | | | | |



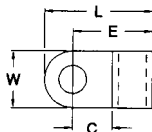


| Wire Size: 22/16 | | Material: COPPER | | Thickness: .032" / .81 mm THK | | CMA Range: 509-3260 | | Barrel Ins. Dia.: .061" / 1.55 mm | | | | | | | |
|------------------|---------|------------------|---------|-------------------------------|----------|---------------------|------------|-----------------------------------|----------|-----------------------|------|----------|------------|------|----------|
| Basic Dimensions | | | | Non-Insulated | | | | Insulated (Red Vinyl) | | Insulated (Red Nylon) | | | | | |
| W | | H | | X | | L | | Insul. Dia. | | Insul. Dia. | | | | | |
| in | mm | in | mm | in | mm | in | mm | Funnel FIT | L | Funnel FIIG | L | | | | |
| | | | | | | | | in | mm | in | mm | | | | |
| .070" | 1.78 mm | .075" | 1.90 mm | .41" | 10.41 mm | NIT | NIT Brazed | .70" | 17.78 mm | WP13004SF | .99" | 25.15 mm | XWP13006SN | .99" | 25.15 mm |
| Hand Tool | | | | H4A | H4A | | | H7B & H53 | | H7B & H53 | | | | | |

| Wire Size: 16/14 | | Material: COPPER | | Thickness: .032" / .81 mm THK | | CMA Range: 2050-5180 | | Barrel Ins. Dia.: .085" / 2.16 mm | | | | | | | |
|------------------|---------|------------------|---------|-------------------------------|----------|----------------------|------------|-----------------------------------|----------|------------------------|------|----------|------------|------|----------|
| Basic Dimensions | | | | Non-Insulated | | | | Insulated (Blue Vinyl) | | Insulated (Blue Nylon) | | | | | |
| W | | H | | X | | L | | Insul. Dia. | | Insul. Dia. | | | | | |
| in | mm | in | mm | in | mm | in | mm | Funnel FIT | L | Funnel FIIG | L | | | | |
| | | | | | | | | in | mm | in | mm | | | | |
| .075" | 1.90 mm | .075" | 1.90 mm | .41" | 10.41 mm | NIT | NIT Brazed | .70" | 17.78 mm | WP13014SF | .99" | 25.15 mm | XWP13016SN | .99" | 25.15 mm |
| Hand Tool | | | | H4A | H4A | | | H7B & H53 | | H7B & H53 | | | | | |

| Wire Size: 12/10 | | Material: COPPER | | Thickness: .040" / 1.02 mm THK | | CMA Range: 5180-13,100 | | Barrel Ins. Dia.: .129" / 3.27 mm | | | | | | | |
|------------------|---------|------------------|---------|--------------------------------|----------|------------------------|------------|-----------------------------------|----------|--------------------------|-------|----------|-----------|-------|----------|
| Basic Dimensions | | | | Non-Insulated | | | | Insulated (Yellow Vinyl) | | Insulated (Yellow Nylon) | | | | | |
| W | | H | | X | | L | | Insul. Dia. | | Insul. Dia. | | | | | |
| in | mm | in | mm | in | mm | in | mm | Funnel FIT | L | Funnel FIIG | L | | | | |
| | | | | | | | | in | mm | in | mm | | | | |
| .090" | 2.29 mm | .102" | 2.59 mm | .41" | 10.41 mm | NIT | NIT Brazed | .80" | 20.32 mm | WP13022F | 1.10" | 27.94 mm | XWP13023N | 1.15" | 29.21 mm |
| Hand Tool | | | | H4A | H4A | | | H6E & H53 | | H6E & H53 | | | | | |
| | | | | Ⓢ | Ⓢ | | | Ⓢ | | Ⓢ | | | | | |

12/2 Flag Rings



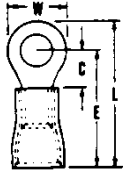
Material: COPPER

| Wire Size | CMA Range | Stud Size | Basic Dimensions | | | | Non-Insulated | | | | | | | | |
|-----------|---------------|-----------|------------------|------|-----|-------|---------------|-------------|------------|------|-------|------|-------|------|-------|
| | | | Barrel I.D. | W | W | C | C | Mat'l. Thk. | NIT Brazed | E | E | L | L | | |
| in | mm | | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | |
| 12-10 | 5180-13,100 | 8 | .129 | 3.28 | .31 | 7.87 | .25 | 6.35 | .040 | 1.01 | T189B | .48 | 12.2 | .63 | 16.00 |
| 12-10 | 5180-13,100 | 10 | .129 | 3.29 | .31 | 7.87 | .25 | 6.35 | .040 | 1.01 | T194B | .48 | 12.2 | .63 | 16.00 |
| 8 | 13,100-20,800 | 10 | .180 | 4.57 | .50 | 12.70 | .38 | 9.65 | .040 | 1.01 | T190B | .67 | 17 | .92 | 23.37 |
| 8 | 13,100-20,800 | 1/4 | .180 | 4.57 | .50 | 12.70 | .38 | 9.65 | .040 | 1.01 | T191B | .67 | 17 | .92 | 23.37 |
| 6 | 20,800-33,100 | 10 | .224 | 5.69 | .50 | 12.70 | .37 | 9.40 | .048 | 1.22 | T192B | .71 | 18.03 | .96 | 24.38 |
| 6 | 20,800-33,100 | 1/4 | .224 | 5.69 | .50 | 12.70 | .37 | 9.40 | .048 | 1.22 | T193B | .71 | 18.03 | .96 | 24.38 |
| 4 | 33,100-52,600 | 1/4 | .287 | 7.29 | .64 | 16.26 | .43 | 10.92 | .068 | 1.73 | T183B | .89 | 22.61 | 1.20 | 30.48 |
| 4 | 33,100-52,600 | 5/16 | .287 | 7.29 | .64 | 16.26 | .43 | 10.92 | .068 | 1.73 | T184B | .89 | 22.61 | 1.20 | 30.48 |
| 4 | 33,100-52,600 | 3/8 | .287 | 7.29 | .64 | 16.26 | .43 | 10.92 | .068 | 1.73 | T185B | .89 | 22.61 | 1.20 | 30.48 |
| 2 | 52,600-83,700 | 1/4 | .355 | 9.02 | .64 | 16.26 | .46 | 11.68 | .078 | 1.98 | T186B | 1.01 | 25.65 | 1.32 | 33.53 |
| 2 | 52,600-83,700 | 5/16 | .355 | 9.02 | .64 | 16.26 | .46 | 11.68 | .078 | 1.98 | T187B | 1.01 | 25.65 | 1.32 | 33.53 |
| 2 | 52,600-83,700 | 3/8 | .355 | 9.02 | .64 | 16.26 | .46 | 11.68 | .078 | 1.98 | T188B | 1.01 | 25.65 | 1.32 | 33.53 |

ALL TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available.



Military Specifications



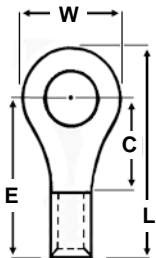
SAE AS7928 is the most commonly used government specification for Solderless terminals. This specification permits the use of Class 1 and Class 2 terminals.

- **Type I Class 1** terminals are those uninsulated terminals which, when crimped with a MilSpec Class 1 approved crimping tool, meet all dimensional and performance requirements of the specification.
- **Type II Class 1** terminals are those insulated terminals which, when crimped with an MilSpec Class 1 approved tool, meet the dimensional and performance requirements of the specification.
- Both **Type I Class 2** and **Type II Class 2** terminals are those which, when crimped with tooling recommended by the manufacturer, meet the performance requirements of the specifications.

MIL SPEC SAE AS25036 (Nylon Insulated)

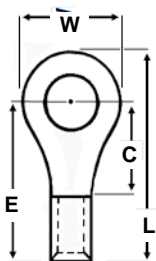
| Type II Class 1 Item Number | W in | W mm | C in | C mm | E in | E mm | L in | L mm | Wire Size | Stud Size | Type II Class 2 Item Number | Type II Class 2 Hand Tool | H270 Die # |
|-----------------------------|------|-------|------|-------|------|-------|------|-------|-----------|-----------|-----------------------------|---------------------------|------------|
| MS25036-101 | 0.22 | 5.59 | 0.16 | 4.06 | 0.63 | 16.00 | 0.74 | 18.80 | 22-18 | 6 | XR1881SN | H7B | 27000B |
| MS25036-102 | 0.25 | 6.35 | 0.32 | 8.13 | 0.77 | 19.56 | 0.87 | 22.10 | 22-18 | 6 | XR1885SN | H7B | 27000B |
| MS25036-103 | 0.31 | 7.87 | 0.32 | 8.13 | 0.75 | 19.05 | 0.91 | 23.11 | 22-18 | 10 | XR1891SN | H7B | 27000B |
| MS25036-104 | 0.47 | 11.94 | 0.44 | 11.18 | 0.88 | 22.35 | 1.09 | 27.69 | 22-18 | 5/16 | XR1895SN | H7B | 27000B |
| MS25036-105 | 0.53 | 13.46 | 0.44 | 11.18 | 0.90 | 22.86 | 1.17 | 29.72 | 22-18 | 3/8 | XR1896SN | H7B | 27000B |
| MS25036-106 | 0.25 | 6.35 | 0.16 | 4.06 | 0.62 | 15.75 | 0.74 | 18.80 | 16-14 | 6 | XR2442SN | H7B | 27001B |
| MS25036-107 | 0.31 | 7.87 | 0.28 | 7.11 | 0.75 | 19.05 | 0.91 | 23.11 | 16-14 | 6 | XR1901SN | H7B | 27001B |
| MS25036-108 | 0.31 | 7.87 | 0.28 | 7.11 | 0.74 | 18.80 | 0.90 | 22.86 | 16-14 | 10 | XR1903SN | H7B | 27001B |
| MS25036-109 | 0.46 | 11.68 | 0.44 | 11.18 | 0.88 | 22.35 | 1.09 | 27.69 | 16-14 | 5/16 | XR1907SN | H7B | 27001B |
| MS25036-110 | 0.53 | 13.46 | 0.44 | 11.18 | 0.90 | 22.86 | 1.17 | 29.72 | 16-14 | 3/8 | XR1908SN | H7B | 27001B |
| MS25036-111 | 0.37 | 9.40 | 0.28 | 7.11 | 0.90 | 22.86 | 1.04 | 27.69 | 12-10 | 6 | XR5107N | H6E | 27002A |
| MS25036-112 | 0.37 | 9.40 | 0.28 | 7.11 | 0.90 | 22.86 | 1.09 | 27.69 | 12-10 | 10 | XR5109N | H6E | 27002A |
| MS25036-113 | 0.52 | 13.21 | 0.47 | 11.94 | 1.07 | 27.18 | 1.32 | 33.53 | 12-10 | 5/16 | XR5111N | H6E | 27002A |
| MS25036-114 | 0.59 | 14.99 | 0.50 | 12.7 | 1.12 | 28.45 | 1.41 | 35.81 | 12-10 | 3/8 | XR5112N | H6E | 27002A |
| MS25036-143 | 0.14 | 3.56 | 0.17 | 4.32 | 0.62 | 15.75 | 0.69 | 17.53 | 26-24 | 2 | XR26336N | | |
| MS25036-144 | 0.20 | 5.08 | 0.22 | 5.59 | 0.65 | 16.51 | 0.76 | 19.30 | 26-24 | 4 | XR26337N | | |
| MS25036-145 | 0.25 | 6.35 | 0.29 | 7.37 | 0.73 | 18.54 | 0.86 | 21.84 | 26-24 | 6 | XR26338N | | |
| MS25036-146 | 0.32 | 8.13 | 0.29 | 7.37 | 0.76 | 19.30 | 0.86 | 21.84 | 26-24 | 8 | XR26339N | | |
| MS25036-147 | 0.32 | 8.13 | 0.29 | 7.37 | 0.72 | 18.29 | 0.86 | 21.84 | 26-24 | 10 | XR26340N | | |
| MS25036-148 | 0.22 | 5.59 | 0.16 | 4.06 | 0.70 | 17.78 | 0.73 | 18.54 | 22-18 | 4 | XR1880SN | H7B | 27000B |
| MS25036-149 | 0.31 | 7.87 | 0.32 | 8.13 | 0.76 | 19.30 | 0.93 | 23.62 | 22-18 | 8 | XR1890SN | H7B | 27000B |
| MS25036-150 | 0.47 | 11.94 | 0.44 | 11.18 | 0.87 | 22.10 | 1.09 | 27.69 | 22-18 | 1/4 | XR1894SN | H7B | 27000B |
| MS25036-152 | 0.25 | 6.39 | 0.16 | 4.06 | 0.59 | 14.99 | 0.73 | 18.54 | 16-14 | 4 | XR2441SN | H7B | 27001B |
| MS25036-153 | 0.31 | 7.87 | 0.28 | 7.11 | 0.72 | 18.29 | 0.90 | 22.86 | 16-14 | 8 | XR1902SN | H7B | 27001B |
| MS25036-154 | 0.46 | 11.68 | 0.44 | 11.18 | 0.87 | 22.10 | 1.12 | 28.45 | 16-14 | 1/4 | XR1906SN | H7B | 27001B |
| MS25036-156 | 0.37 | 9.40 | 0.28 | 7.11 | 0.87 | 22.10 | 1.08 | 27.43 | 12-10 | 8 | XR5108N | H6E | 27002A |
| MS25036-157 | 0.52 | 13.21 | 0.47 | 11.94 | 1.06 | 26.92 | 1.32 | 33.53 | 12-10 | 1/4 | XR5110N | H6E | 27002A |
| MS25036-158 | 0.71 | 18.03 | 0.50 | 12.7 | 1.09 | 27.69 | 1.41 | 35.81 | 12-10 | 1/2 | XR5117N | H6E | 27002A |
| MS25036-159 | 0.22 | 5.59 | 0.16 | 4.06 | 0.7 | 17.78 | 0.73 | 18.54 | 22-18 | 2 | XR1879SN | H7B | 27000B |

MIL SPEC SAE AS20659 (Non-Insulated)



| Type I Class 1 Item Number | W in | W mm | C in | C mm | E in | E mm | L in | L mm | Wire Size | Stud Size | Type I Class 2 Item Number | Type I Class 2 Hand Tool | H270 Die # Hex / Indentor |
|----------------------------|------|-------|------|-------|------|-------|------|-------|-----------|-----------|----------------------------|--------------------------|---------------------------|
| MS20659-105 | 0.37 | 9.40 | 0.28 | 7.11 | 0.56 | 14.22 | 0.74 | 18.80 | 12-10 | 10 | R3457B | H4A | 28171 / 27011C |
| MS20659-106 | 0.52 | 13.21 | 0.47 | 11.94 | 0.74 | 18.80 | 1.01 | 25.65 | 12-10 | 5/16 | R3459B | H4A | 28171 / 27011C |
| MS20659-128 | 0.59 | 14.99 | 0.50 | 12.70 | 0.77 | 19.56 | 1.07 | 27.18 | 12-10 | 3/8 | R3220B | H4A | 28171 / 27011C |
| MS20659-165 | 0.31 | 7.87 | 0.27 | 6.86 | 0.54 | 13.72 | 0.70 | 17.78 | 12-10 | 6 | R3453B | H4A | 28171 / 27011C |
| MS20659-166 | 0.71 | 18.03 | 0.5 | 12.70 | 0.77 | 19.56 | 1.13 | 28.70 | 12-10 | 1/2 | R3223B | H4A | 28171 / 27011C |

MIL SPEC SAE AS7928/7 (Non-Insulated)
















| Type I Class 1 Item Number | W in | W mm | C in | C mm | E in | E mm | L in | L mm | Wire Size | Stud Size | Type I Class 2 Item Number | Type I Class 2 Hand Tool | H270 Die # Hex / Indentor |
|----------------------------|------|-------|------|-------|------|-------|------|-------|-----------|-----------|----------------------------|--------------------------|---------------------------|
| M7928/7-1 | 0.22 | 5.58 | 0.16 | 4.06 | 0.43 | 10.92 | 0.54 | 13.72 | 22-18 | 2 | R4103B | H4A | 28180 / 27009B |
| M7928/7-2 | 0.22 | 5.58 | 0.16 | 4.06 | 0.43 | 10.92 | 0.54 | 13.72 | 22-18 | 4 | R4104B | H4A | 28180 / 27009B |
| M7928/7-3 | 0.28 | 7.12 | 0.32 | 8.13 | 0.58 | 14.73 | 0.72 | 18.29 | 22-18 | 6 | R4262B | H4A | 28180 / 27009B |
| M7928/7-4 | 0.28 | 7.12 | 0.32 | 8.13 | 0.58 | 14.73 | 0.72 | 18.29 | 22-18 | 10 | R4264B | H4A | 28180 / 27009B |
| M7928/7-5 | 0.47 | 11.94 | 0.44 | 11.18 | 0.70 | 17.78 | 0.93 | 23.62 | 22-18 | 5/16 | R4114B | H4A | 28180 / 27009B |
| M7928/7-6 | 0.53 | 13.46 | 0.44 | 11.18 | 0.70 | 17.78 | 0.96 | 24.38 | 22-18 | 3/8 | R4115B | H4A | 28180 / 27009B |
| M7928/7-7 | 0.31 | 7.87 | 0.28 | 7.11 | 0.55 | 13.97 | 0.70 | 17.78 | 16-14 | 6 | R4121B | H4A | 28172 / 27010C |
| M7928/7-8 | 0.31 | 7.87 | 0.28 | 7.11 | 0.55 | 13.97 | 0.70 | 17.78 | 16-14 | 10 | R4123B | H4A | 28172 / 27010C |
| M7928/7-9 | 0.44 | 11.18 | 0.44 | 11.18 | 0.71 | 18.03 | 0.93 | 23.62 | 16-14 | 5/16 | R4125B | H4A | 28172 / 27010C |
| M7928/7-10 | 0.53 | 13.46 | 0.44 | 11.18 | 0.70 | 17.78 | 0.96 | 24.38 | 16-14 | 3/8 | R4126B | H4A | 28172 / 27010C |
| M7928/7-11 | 0.25 | 6.35 | 0.16 | 4.06 | 0.43 | 10.92 | 0.54 | 13.72 | 16-14 | 4 | R4119B | H4A | 28172 / 27010C |

ALL CLASS 2 TERMINALS on this page available on tape. Standard Barrel configurations shown – customized configurations available



Miscellaneous Data and Information

STUD SIZE CHART

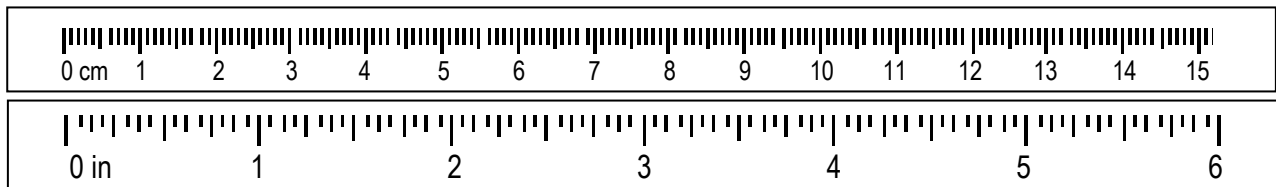
| | Diameter | |
|---|--------------|-------|
| | in | mm |
|  | #0 — .066 | 1.68 |
|  | #2 — .093 | 2.36 |
|  | #4 — .119 | 3.02 |
|  | #6 — .148 | 3.76 |
|  | #8 — .178 | 4.52 |
|  | #10 — .198 | 5.03 |
|  | 1/4" — .265 | 6.73 |
|  | 5/16" — .326 | 8.28 |
|  | 3/8" — .390 | 9.91 |
|  | 7/16" — .454 | 11.53 |
|  | 1/2" — .518 | 13.16 |
|  | 5/8" — .656 | 16.66 |
|  | 3/4" — .779 | 19.79 |

DECIMAL EQUIVALENT CHART

| | | | | | |
|-----|-------|----------|---|-------|----------|
| | 1/64 | 0.015625 | | 33/64 | 0.515625 |
| | 1/32 | 0.03125 | | 17/32 | 0.53125 |
| | 3/64 | 0.046875 | | 35/64 | 0.546875 |
| | 1/16 | 0.0625 | | 9/16 | 0.5625 |
| | 5/64 | 0.078125 | | 37/64 | 0.578125 |
| | 3/32 | 0.09375 | | 19/32 | 0.59375 |
| | 7/64 | 0.109375 | | 39/64 | 0.609375 |
| | 1/8 | 0.125 | | 5/8 | 0.625 |
| | 9/64 | 0.140625 | | 41/64 | 0.640625 |
| | 5/32 | 0.15625 | | 21/32 | 0.65625 |
| | 11/64 | 0.171875 | | 43/64 | 0.671875 |
| | 3/16 | 0.1875 | | 11/16 | 0.6875 |
| | 13/64 | 0.203125 | | 45/64 | 0.703125 |
| | 7/32 | 0.21875 | | 23/32 | 0.71875 |
| | 15/64 | 0.234375 | | 47/64 | 0.734375 |
| | 1/4 | 0.25 | | 3/4 | 0.75 |
| | 17/64 | 0.265625 | | 49/64 | 0.765625 |
| | 9/32 | 0.28125 | | 25/32 | 0.78125 |
| | 19/64 | 0.296875 | | 51/64 | 0.796875 |
| | 5/16 | 0.3125 | | 13/16 | 0.8125 |
| | 21/64 | 0.328125 | | 53/64 | 0.828125 |
| | 11/32 | 0.34375 | | 27/32 | 0.84375 |
| | 23/64 | 0.359375 | | 55/64 | 0.859375 |
| | 3/8 | 0.375 | | 7/8 | 0.875 |
| | 25/64 | 0.390625 | | 57/64 | 0.890625 |
| | 13/32 | 0.40625 | | 29/32 | 0.90625 |
| | 27/64 | 0.421875 | | 59/64 | 0.921875 |
| | 7/16 | 0.4375 | | 15/16 | 0.9375 |
| | 29/64 | 0.453125 | | 61/64 | 0.953125 |
| | 15/32 | 0.46875 | | 31/32 | 0.96875 |
| | 31/64 | 0.484375 | | 63/64 | 0.984375 |
| 1/2 | | 0.5 | 1 | | 1.0 |

WIRE GAGE CONVERSION CHART

| AWG | CMA | MM ² |
|---------|-------------------|-----------------|
| 26 - 24 | 202 - 320 | 0.10 - 0.16 |
| 26 - 22 | 202 - 810 | 0.10 - 0.41 |
| 24 - 20 | 320 - 1290 | 0.16 - 0.65 |
| 22 - 18 | 509 - 2050 | 0.30 - 1.04 |
| 22 - 16 | 509 - 3260 | 0.30 - 1.65 |
| 20 - 16 | 1290 - 3260 | 0.65 - 1.65 |
| 18 - 14 | 1600 - 5180 | 0.81 - 2.62 |
| 16 - 14 | 2050 - 5180 | 1.04 - 2.62 |
| 14 - 12 | 3260 - 8230 | 1.65 - 4.17 |
| 12 - 10 | 5180 - 13,100 | 2.62 - 6.64 |
| 8 | 13,100 - 20,800 | 6.64 - 10.54 |
| 6 | 20,800 - 33,100 | 10.54 - 16.77 |
| 4 | 33,100 - 52,600 | 16.77 - 26.65 |
| 2 | 52,600 - 83,700 | 26.65 - 42.41 |
| 1/0 | 83,700 - 119,500 | 42.41 - 60.55 |
| 2/0 | 119,500 - 150,500 | 60.55 - 76.26 |
| 3/0 | 150,500 - 190,000 | 76.26 - 96.27 |
| 4/0 | 190,000 - 231,000 | 96.27 - 117.05 |
| 250 MCM | 250,000 | 127 |
| 300 MCM | 300,000 | 152 |
| 350 MCM | 350,000 | 177 |
| 400 MCM | 400,000 | 203 |
| 500 MCM | 500,000 | 253 |



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