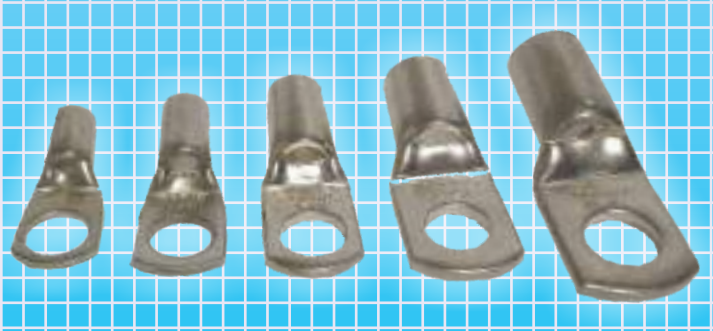
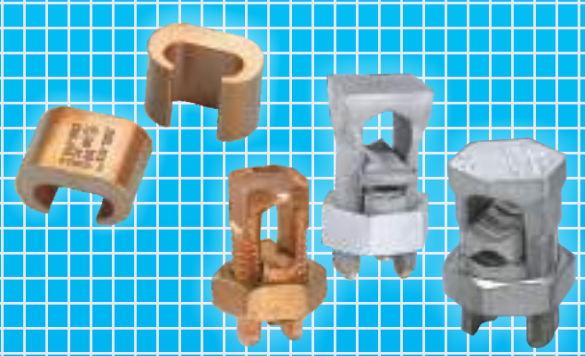
kan®

Nylex GROUP

50 YEARS

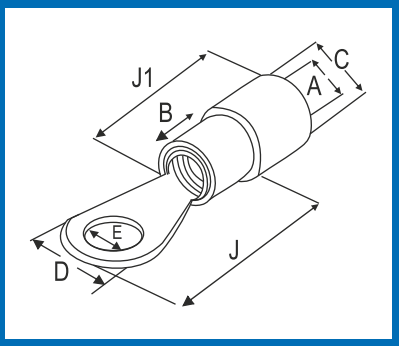
Braco





# Terminals & Connectors

Kam® Ring Terminals are designed to offer maximum efficiency under heavy-duty applications. Therefore these terminals are ideal for use in applications which are subject to continuous mechanicals vibrations viz. engines, railways, moving components etc. The terminal barrel is brazed and soft annealed, which means that the terminal can be crimped in either direction.




Colour Coding Insulated Terminals:

1.5 2.5 4.6

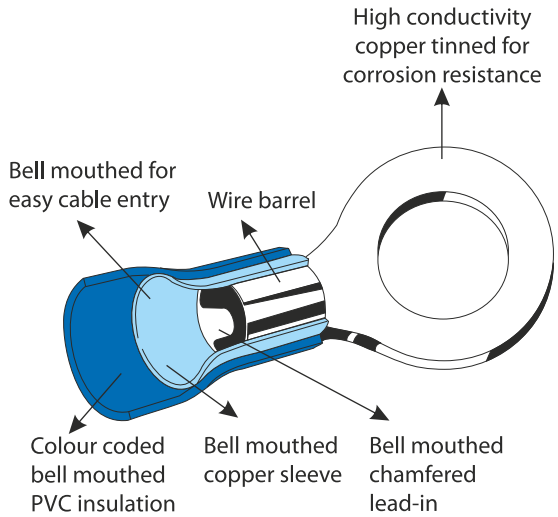
All the terminals are tin plated to avoid oxidization and to achieve maximum corrosion protection. These terminals can be provided with PVC sleeves for protection against electrical shocks and can also be provided with metal reinforced sleeves to maintain a proper grip on conductor insulation.

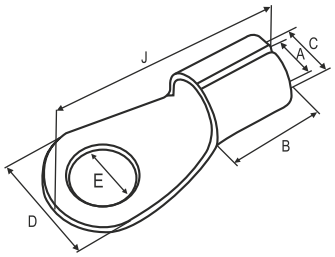
## COPPER CRIMPING RING TERMINALS (NON-INSULATED AND INSULATED)

### Material Copper BS: 1897
### Finish: Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. | J-1 | Code No. | A-1 | J-1 | Code No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | | | | | | |
| 0.5 | 4.2 | 1.4 | 2.6 | 8.0 | 5 | 16..0 | R - 0 | 8 | - | | | |
| 1.5 | 2.2 | 1.6 | 3.2 | 6.0 | 5 | 14.0 | R - 103 | 10 | RI - 052 | 3.6 | 10 | RD - 435 |
| | 2.6 | 1.6 | 3.2 | 6.0 | 5 | 14.0 | R - 000 | 10 | RI - 053 | 3.6 | 10 | RD - 436 |
| | 3.2 | 1.6 | 3.2 | 6.0 | 5 | 14.0 | R - 001 | 10 | RI - 054 | 3.6 | 10 | RD - 437 |
| | 3.7 | 1.6 | 3.2 | 6.0 | 5 | 14.0 | R - 002 | 10 | RI - 055 | 3.6 | 10 | RD - 438 |
| | 4.2 | 1.6 | 3.2 | 6.0 | 5 | 14.0 | R - 003 | 10 | RI - 056 | 3.6 | 10 | RD - 439 |
| | 3.2 | 1.6 | 3.2 | 6.8 | 5 | 13.0 | R - 153 | 10 | RI - 057 | 3.6 | 10 | RD - 440 |
| | 3.7 | 1.6 | 3.2 | 6.8 | 5 | 13.0 | R - 048 | 10 | RI - 058 | 3.6 | 10 | RD - 441 |
| | 4.2 | 1.6 | 3.2 | 6.8 | 5 | 13.0 | R - 049 | 10 | RI - 059 | 3.6 | 10 | RD - 442 |
| | 3.2 | 1.6 | 3.2 | 8.0 | 5 | 16.0 | R - 104 | 10 | RI - 060 | 3.6 | 10 | RD - 443 |
| | 4.2 | 1.6 | 3.2 | 8.0 | 5 | 16.0 | R - 004 | 10 | RI - 061 | 3.6 | 10 | RD - 444 |
| | 5.2 | 1.6 | 3.2 | 8.0 | 5 | 16.0 | R - 005 | 10 | RI - 062 | 3.6 | 10 | RD - 445 |
| | 4.2 | 1.6 | 3.2 | 7.0 | 5 | 14.5 | R - 154 | 10 | RI - 063 | 3.6 | 10 | RD - 446 |
| | 4.2 | 1.6 | 3.2 | 10.0 | 5 | 18.0 | R - 105 | 10 | RI - 064 | 3.6 | 10 | RD - 447 |
| | 5.2 | 1.6 | 3.2 | 10.0 | 5 | 18.0 | R - 006 | 10 | RI - 065 | 3.6 | 10 | RD - 448 |
| | 6.4 | 1.6 | 3.2 | 10.0 | 5 | 18.0 | R - 007 | 10 | RI - 066 | 3.6 | 10 | RD - 449 |
| | 6.4 | 1.6 | 3.2 | 12.0 | 5 | 18.0 | R - 106 | 10 | RI - 067 | 3.6 | 10 | RD - 450 |

| Size Sq. mm | Dimensions | | | | | | Code No. | J-1 | Code No. | A-1 | J-1 | Code No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | | | | | | |
| 2.5 | 3.2 | 2.3 | 3.9 | 6.5 | 5 | 12.7 | R - 107 | 10 | RI - 068 | 4.4 | 10 | RD - 451 |
| | 3.7 | 2.3 | 3.9 | 6.5 | 5 | 12.7 | R - 008 | 10 | RI - 069 | 4.4 | 10 | RD - 452 |
| | 3.7 | 2.3 | 3.9 | 8.0 | 5 | 16.0 | R - 108 | 10 | RI - 070 | 4.4 | 10 | RD - 453 |
| | 4.2 | 2.3 | 3.9 | 8.0 | 5 | 16.0 | R - 009 | 10 | RI - 071 | 4.4 | 10 | RD - 454 |
| | 5.2 | 2.3 | 3.9 | 8.0 | 5 | 16.0 | R - 010 | 10 | RI - 072 | 4.4 | 10 | RD - 455 |
| | 5.2 | 2.3 | 3.9 | 10.0 | 5 | 18.0 | R - 109 | 10 | RI - 073 | 4.4 | 10 | RD - 456 |
| | 6.4 | 2.3 | 3.9 | 10.0 | 5 | 18.0 | R - 011 | 10 | RI - 074 | 4.4 | 10 | RD - 457 |
| | 5.2 | 2.3 | 3.9 | 12.0 | 5 | 22.0 | R - 110 | 10 | RI - 075 | 4.4 | 10 | RD - 458 |
| | 6.4 | 2.3 | 3.9 | 12.0 | 5 | 22.0 | R - 012 | 10 | RI - 076 | 4.4 | 10 | RD - 459 |
| | 8.2 | 2.3 | 3.9 | 12.0 | 5 | 22.0 | R - 013 | 10 | RI - 077 | 4.4 | 10 | RD - 460 |
| | 6.4 | 2.3 | 3.9 | 16.0 | 5 | 25.0 | R - 111 | 10 | RI - 078 | 4.4 | 10 | RD - 461 |
| | 8.2 | 2.3 | 3.9 | 16.0 | 5 | 25.0 | R - 014 | 10 | RI - 079 | 4.4 | 10 | RD - 462 |
| | 10.2 | 2.3 | 3.9 | 16.0 | 5 | 25.0 | R - 015 | 10 | RI - 080 | 4.4 | 10 | RD - 463 |
| | 10.2 | 2.3 | 3.9 | 18.0 | 5 | 29.0 | R - 151 | 10 | RI - 081 | 4.4 | 10 | RD - 464 |
| | 12.7 | 2.3 | 3.9 | 18.0 | 5 | 29.0 | R - 047 | 10 | RI - 082 | 4.4 | 10 | RD - 465 |
| 4-6 | 4.2 | 3.5 | 5.5 | 8.0 | 6 | 17.0 | R - 155 | 14 | RI - 083 | 6.4 | 15 | RD - 466 |
| | 5.2 | 3.5 | 5.5 | 8.0 | 6 | 17.0 | R - 050 | 14 | RI - 084 | 6.4 | 15 | RD - 467 |
| | 4.2 | 3.5 | 5.5 | 10.0 | 6 | 19.0 | R - 112 | 14 | RI - 085 | 6.4 | 15 | RD - 468 |
| | 5.2 | 3.5 | 5.5 | 10.0 | 6 | 19.0 | R - 016 | 14 | RI - 086 | 6.4 | 15 | RD - 469 |
| | 5.2 | 3.5 | 5.5 | 8.0 | 6 | 22.0 | R - 157 | 14 | RI - 087 | 6.4 | 15 | RD - 470 |
| | 5.2 | 3.5 | 5.5 | 12.0 | 6 | 20.0 | R - 113 | 14 | RI - 088 | 6.4 | 15 | RD - 471 |
| | 6.4 | 3.5 | 5.5 | 12.0 | 6 | 20.0 | R - 017 | 14 | RI - 089 | 6.4 | 15 | RD - 472 |
| | 8.2 | 3.5 | 5.5 | 12.0 | 6 | 20.0 | R - 018 | 14 | RI - 090 | 6.4 | 15 | RD - 473 |
| | 5.2 | 3.5 | 5.5 | 12.0 | 6 | 22.0 | R - 114 | 14 | RI - 091 | 6.4 | 15 | RD - 474 |
| | 6.4 | 3.5 | 5.5 | 12.0 | 6 | 22.0 | R - 019 | 14 | RI - 092 | 6.4 | 15 | RD - 475 |
| | 6.4 | 3.5 | 5.5 | 14.0 | 6 | 25.5 | R - 115 | 14 | RI - 093 | 6.4 | 15 | RD - 476 |
| | 8.2 | 3.5 | 5.5 | 14.0 | 6 | 25.5 | R - 020 | 14 | RI - 094 | 6.4 | 15 | RD - 477 |
| | 9.7 | 3.5 | 5.5 | 14.0 | 6 | 25.5 | R - 021 | 14 | RI - 095 | 6.4 | 15 | RD - 478 |
| | 8.2 | 3.5 | 5.5 | 16.0 | 6 | 30.0 | R - 116 | 14 | RI - 096 | 6.4 | 15 | RD - 479 |
| | 10.2 | 3.5 | 5.5 | 16.0 | 6 | 30.0 | R - 022 | 14 | RI - 097 | 6.4 | 15 | RD - 480 |
| | 8.2 | 3.5 | 5.5 | 18.0 | 6 | 30.0 | R - 117 | 14 | RI - 098 | 6.4 | 15 | RD - 481 |
| | 10.2 | 3.5 | 5.5 | 18.0 | 6 | 30.0 | R - 023 | 14 | RI - 099 | 6.4 | 15 | RD - 482 |
| | 12.7 | 3.5 | 5.5 | 18.0 | 6 | 30.0 | R - 024 | 14 | RI - 100 | 6.4 | 15 | RD - 483 |
| 10 | 4.2 | 4.3 | 6.3 | 10.0 | 8 | 22.0 | R - 118 | 16 | RI - 389 | 6.8 | 17 | RD - 484 |
| | 8.2 | 4.3 | 6.3 | 18.0 | 8 | 22.0 | R - 025 | 16 | RI - 395 | 6.8 | 17 | RD - 485 |



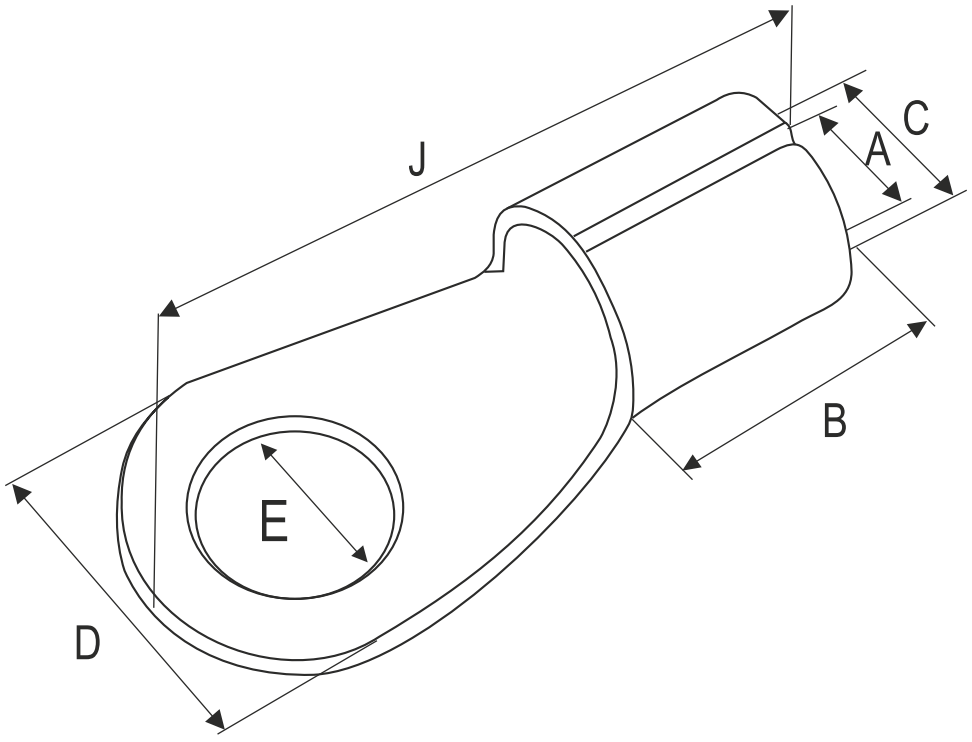
Kam® Ring Terminals are designed to offer maximum efficiency under heavy-duty applications. Therefore these terminals are ideal for use in applications which are subject to continuous mechanicals vibrations viz. engines, railways, moving components etc. The terminal barrel is brazed and soft annealed, which means that the terminal can be crimped in either direction.

All the terminals are tin plated to avoid oxidization and to achieve maximum corrosion protection.

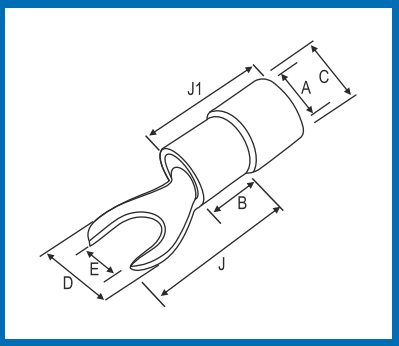
## COPPER CRIMPING RING TERMINALS (NON-INSULATED)

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 10 | 5.2 | 4.3 | 6.3 | 10 | 8 | 20 | R - 026 |
| | 6.4 | 4.3 | 6.3 | 12 | 8 | 23 | R - 120 |
| | 8.2 | 4.3 | 6.3 | 16 | 8 | 27 | R - 121 |
| | 8.2 | 4.3 | 6.3 | 18 | 8 | 30 | R - 122 |
| | 10.2 | 4.3 | 6.3 | 18 | 8 | 30 | R - 027 |
| | 10.2 | 4.3 | 6.3 | 22 | 8 | 34 | R - 123 |
| | 12.7 | 4.3 | 6.3 | 22 | 8 | 34 | R - 028 |
| 16 | 5.2 | 5.6 | 8.0 | 10 | 10 | 24 | R - 124 |
| | 5.2 | 5.6 | 8.0 | 12 | 10 | 26 | R - 125 |
| | 6.4 | 5.6 | 8.0 | 12 | 10 | 26 | R - 029 |
| | 6.4 | 5.6 | 8.0 | 16 | 10 | 30 | R - 126 |
| | 8.2 | 5.6 | 8.0 | 16 | 10 | 30 | R - 030 |
| | 9.7 | 5.6 | 8.0 | 16 | 10 | 30 | R - 031 |
| | 8.2 | 5.6 | 8.0 | 18 | 10 | 33 | R - 127 |
| | 10.2 | 5.6 | 8.0 | 18 | 10 | 33 | R - 032 |
| | 10.2 | 5.6 | 8.0 | 22 | 10 | 35 | R - 128 |
| | 12.7 | 5.6 | 8.0 | 22 | 10 | 35 | R - 033 |
| 25 | 6.4 | 7.5 | 11.1 | 12 | 11 | 31 | R - 156 |
| | 8.2 | 7.5 | 11.1 | 12 | 11 | 31 | R - 051 |
| | 6.4 | 7.5 | 11.1 | 16 | 11 | 30 | R - 129 |
| | 8.2 | 7.5 | 11.1 | 16 | 11 | 30 | R - 034 |
| | 10.2 | 7.5 | 11.1 | 16 | 11 | 30 | R - 035 |
| | 6.4 | 7.5 | 11.1 | 16 | 11 | 33 | R - 130 |
| | 8.2 | 7.5 | 11.1 | 16 | 11 | 33 | R - 036 |
| | 10.2 | 7.5 | 11.1 | 18 | 11 | 34 | R - 131 |
| | 10.2 | 7.5 | 11.1 | 22 | 11 | 42 | R - 132 |
| | 12.7 | 7.5 | 11.1 | 22 | 11 | 42 | R - 037 |

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 35 | 6.4 | 9.0 | 12.6 | 16 | 12 | 31 | R - 133 |
| | 8.2 | 9.0 | 12.6 | 16 | 12 | 31 | R - 038 |
| | 8.2 | 9.0 | 12.6 | 18 | 12 | 36 | R - 134 |
| | 10.2 | 9.0 | 12.6 | 18 | 12 | 36 | R - 039 |
| | 10.2 | 9.0 | 12.6 | 22 | 12 | 42 | R - 135 |
| | 12.7 | 9.0 | 12.6 | 22 | 12 | 42 | R - 040 |
| 50 | 8.2 | 10.5 | 14.1 | 18 | 16 | 43 | R - 136 |
| | 10.2 | 10.5 | 14.1 | 18 | 16 | 43 | R - 041 |
| | 10.2 | 10.5 | 14.1 | 22 | 16 | 43 | R - 137 |
| | 10.2 | 10.5 | 14.1 | 24 | 16 | 48 | R - 138 |
| | 12.7 | 10.5 | 14.1 | 24 | 16 | 48 | R - 042 |
| | 16.2 | 10.5 | 14.1 | 32 | 16 | 54 | R - 139 |
| 70 | 10.2 | 12.0 | 16.0 | 22 | 18 | 47 | R - 140 |
| | 12.7 | 12.0 | 16.0 | 22 | 18 | 47 | R - 043 |
| | 12.7 | 12.0 | 16.0 | 24 | 18 | 48 | R - 141 |
| | 16.2 | 12.0 | 16.0 | 24 | 20 | 54 | R - 142 |
| 95 | 10.2 | 13.5 | 18.1 | 22 | 20 | 46 | R - 143 |
| | 10.2 | 13.5 | 18.1 | 24 | 20 | 50 | R - 144 |
| | 12.7 | 13.5 | 18.1 | 24 | 20 | 50 | R - 044 |
| | 16.2 | 13.5 | 18.1 | 28 | 20 | 58 | R - 145 |
| 120 | 12.7 | 15.0 | 20.2 | 26 | 22 | 52 | R - 146 |
| | 16.2 | 15.0 | 20.2 | 32 | 22 | 64 | R - 147 |
| | 20.3 | 15.0 | 20.2 | 40 | 22 | 72 | R - 148 |
| 150 | 12.7 | 16.5 | 23.7 | 34 | 24 | 66 | R - 149 |
| | 16.2 | 16.5 | 23.7 | 34 | 24 | 66 | R - 045 |
| | 20.3 | 16.5 | 23.7 | 40 | 24 | 74 | R - 046 |



Kamp® Ring Tongue Fork Terminals are designed to offer maximum efficiency under heavy-duty applications. Therefore these terminals are ideal for use in applications which are subject to continuous mechanical vibrations viz. engines, railways, moving components etc. The terminal barrel is brazed and soft annealed, which means that the terminal can be crimped in either direction.




Colour Coding Insulated Terminals:

1.5 2.5 4.6

All the terminals are tin plated to avoid oxidisation and to achieve maximum corrossion protection.
These terminals can be provided with PVC sleeves for protection against electrical shocks and can also be provided with metal reinforced sleeves to maintain a proper grip on conductor insulation.

## COPPER RING TONGUE FORK TERMINALS

### Material Copper BS: 1897
### Finish: Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. | Dim. J-1 | Code No. | Dimensions | | Code No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | | | | A-1 | J-1 | |
| 1.5 | 3.1 | 1.6 | 3.2 | 6.0 | 5 | 14 | RF - 235 | 10 | RFI - 873 | 3.6 | 10 | RFD - 899 |
| | 3.6 | 1.6 | 3.2 | 6.0 | 5 | 14 | RF - 240 | 10 | RFI - 874 | 3.6 | 10 | RFD - 900 |
| | 3.1 | 1.6 | 3.2 | 6.8 | 5 | 13 | RF - 241 | 10 | RFI - 875 | 3.6 | 10 | RFD - 901 |
| | 3.6 | 1.6 | 3.2 | 6.8 | 5 | 13 | RF - 244 | 10 | RFI - 876 | 3.6 | 10 | RFD - 902 |
| | 4.1 | 1.6 | 3.2 | 7.0 | 5 | 14 | RF - 237 | 10 | RFI - 877 | 3.6 | 10 | RFD - 903 |
| | 4.1 | 1.6 | 3.2 | 8.0 | 5 | 16 | RF - 236 | 10 | RFI - 878 | 3.6 | 10 | RFD - 904 |
| | 5.1 | 1.6 | 3.2 | 10.0 | 5 | 18 | RF - 238 | 10 | RFI - 879 | 3.6 | 10 | RFD - 905 |
| | 6.1 | 1.6 | 3.2 | 10.0 | 5 | 18 | RF - 861 | 10 | RFI - 880 | 3.6 | 10 | RFD - 906 |
| 2.5 | 3.1 | 2.3 | 3.9 | 6.5 | 5 | 12.7 | RF - 862 | 10 | RFI - 881 | 4.4 | 10 | RFD - 907 |
| | 3.6 | 2.3 | 3.9 | 6.5 | 5 | 12.7 | RF - 863 | 10 | RFI - 882 | 4.4 | 10 | RFD - 908 |
| | 4.1 | 2.3 | 3.9 | 8.0 | 5 | 16 | RF - 239 | 10 | RFI - 883 | 4.4 | 10 | RFD - 909 |
| | 5.1 | 2.3 | 3.9 | 10.0 | 5 | 18 | RF - 242 | 10 | RFI - 884 | 4.4 | 10 | RFD - 910 |
| | 6.1 | 2.3 | 3.9 | 10.0 | 5 | 18 | RF - 864 | 10 | RFI - 885 | 4.4 | 10 | RFD - 911 |
| 4-6 | 4.1 | 3.5 | 5.5 | 8.0 | 6 | 17 | RF - 243 | 14 | RFI - 886 | 6.4 | 15 | RFD - 912 |
| | 4.1 | 3.5 | 5.5 | 10.0 | 6 | 19 | RF - 245 | 14 | RFI - 887 | 6.4 | 15 | RFD - 913 |
| | 5.1 | 3.5 | 5.5 | 10.0 | 6 | 19 | RF - 246 | 14 | RFI - 888 | 6.4 | 15 | RFD - 914 |
| | 5.1 | 3.5 | 5.5 | 10.0 | 6 | 22 | RF - 247 | 14 | RFI - 889 | 6.4 | 15 | RFD - 915 |
| | 6.1 | 3.5 | 5.5 | 12.0 | 6 | 22 | RF - 248 | 14 | RFI - 890 | 6.4 | 15 | RFD - 916 |
| 10 | 4.1 | 4.3 | 6.3 | 10.0 | 8 | 22 | RF - 865 | 16 | RFI - 891 | 6.8 | 17 | RFD - 917 |
| | 5.1 | 4.3 | 6.3 | 10.0 | 8 | 22 | RF - 866 | 16 | RFI - 892 | 6.8 | 17 | RFD - 918 |
| | 6.1 | 4.3 | 6.3 | 12.0 | 8 | 23 | RF - 867 | 16 | RFI - 893 | 6.8 | 17 | RFD - 919 |
| | 8.1 | 4.3 | 6.3 | 16.0 | 8 | 27 | RF - 868 | 16 | RFI - 894 | 6.8 | 17 | RFD - 920 |
| 16 | 5.1 | 5.6 | 8.0 | 10.0 | 10 | 24 | RF - 869 | -- | ----- | -- | -- | ----- |
| | 6.1 | 5.6 | 8.0 | 12.0 | 10 | 26 | RF - 870 | -- | ----- | -- | -- | ----- |
| | 8.1 | 5.6 | 8.0 | 16.0 | 10 | 30 | RF - 871 | -- | ----- | -- | -- | ----- |
| | 8.1 | 5.6 | 8.0 | 18.0 | 10 | 33 | RF - 872 | -- | ----- | -- | -- | ----- |

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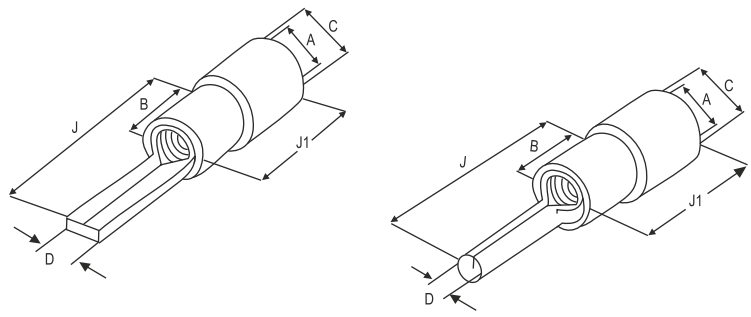
Colour Coding Insulated Terminals:

1.5 2.5 4.6

## COPPER CRIMPING PIN TERMINALS (NON-INSULATED AND INSULATED)

### Material Copper BS :1897
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | TYPE | Code No. | J-1 | Code No. | A-1 | J-1 | Code No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D | B | J | | | | | | | |
| 0.5 | 1.4 | 2.6 | 1.6 | 5 | 17 | I | P - 0 | 10 | | | | |
| 1.5 | 1.6 | 3.2 | 1.9 | 5 | 17 | I | P - 9 | 10 | PI - 17 | 3.6 | 10 | PD - 26 |
| | 1.6 | 3.2 | 3.1 | 5 | 17 | II | P - 35 | 10 | PI - 40 | 3.6 | 10 | PD - 42 |
| 2.5 | 2.3 | 3.9 | 1.9 | 5 | 17 | I | P - 1 | 10 | PI - 18 | 4.4 | 10 | PD - 27 |
| | 2.3 | 3.9 | 3.1 | 5 | 17 | II | P - 2 | 10 | PI - 19 | 4.4 | 10 | PD - 28 |
| 4 | 2.9 | 4.9 | 2.7 | 6 | 20 | I | P - 3 | 14 | PI - 20 | 6.4 | 15 | PD - 29 |
| | 3.6 | 5.6 | 5.1 | 6 | 20 | II | P - 4 | 14 | PI - 21 | 6.4 | 15 | PD - 30 |
| 6 | 3.6 | 5.6 | 2.7 | 6 | 20 | I | P - 5 | 14 | PI - 22 | 6.4 | 15 | PD - 31 |
| | 4.0 | 6.0 | 2.7 | 6 | 20 | I | P - 6 | 14 | PI - 23 | 6.4 | 15 | PD - 32 |
| 10 | 4.5 | 6.7 | 4.3 | 8 | 22 | III | P - 7 | 16 | PI - 24 | | | |
| 16 | 5.8 | 8.2 | 5.5 | 10 | 26 | III | P - 8 | 20 | PI - 25 | | | |
| 25 | 7.5 | 11.1 | 7.0 | 11 | 31 | III | P - 86 | | | | | |
| 35 | 9.0 | 12.6 | 8.0 | 12 | 37 | III | P - 87 | | | | | |
| 50 | 10.5 | 14.1 | 9.0 | 16 | 42 | III | P - 88 | | | | | |
| 70 | 12.0 | 16.0 | 10.0 | 18 | 45 | III | P - 94 | | | | | |
| 95 | 13.8 | 18.7 | 11.0 | 21 | 52 | III | P - 95 | | | | | |



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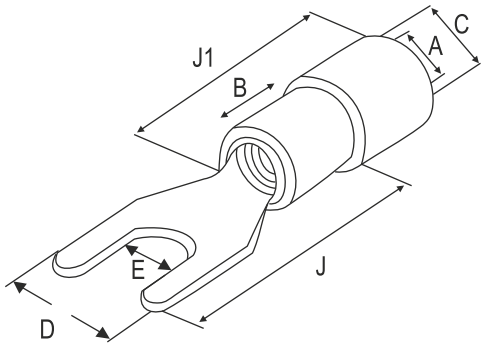
Colour Coding Insulated Terminals:

1.5 2.5 4.6

## COPPER CRIMPING FORK TERMINALS (NON-INSULATED AND INSULATED)

### Material Copper BS: 1897
### Finish: Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. | J-1 | Code No. | A-1 | J-1 | Code No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | | | | | | |
| 0.5 | | | | | | | | | | | | |
| 1.5 | 5.1 | 1.6 | 3.2 | 8.0 | 5 | 21 | F - 214 | 10 | FI - 925 | 3.6 | 10 | FD - 934 |
| | 3.5 | 1.6 | 3.2 | 6.8 | 4 | 13 | F - 249 | 10 | FI - 926 | 3.6 | 10 | FD - 935 |
| | 3.0 | 2.0 | 2.8 | 6.2 | 5 | 13 | F - 250 | 10 | FI - 927 | 3.6 | 10 | FD - 936 |
| 2.5 | 3.5 | 2.3 | 3.9 | 6.5 | 5 | 15 | F - 251 | 10 | FI - 928 | 4.4 | 10 | FD - 937 |
| | 5.0 | 2.6 | 4.6 | 10.6 | 6.2 | 21 | F - 280 | 10 | FI - 929 | 4.4 | 10 | FD - 938 |
| 4-6 | 3.1 | 3.5 | 5.5 | 6.0 | 6 | 15 | F - 252 | 14 | FI - 930 | 6.4 | 15 | FD - 939 |
| | 3.5 | 3.5 | 5.5 | 6.0 | 6 | 15 | F - 253 | 14 | FI - 931 | 6.4 | 15 | FD - 940 |
| 10 | 6.5 | 4.5 | 6.9 | 16.0 | 8 | 27 | F - 254 | 16 | FI - 932 | 6.8 | 17 | FD - 941 |
| | 8.2 | 4.5 | 6.9 | 16.0 | 8 | 27 | F - 255 | 16 | FI - 933 | 6.8 | 17 | FD - 942 |

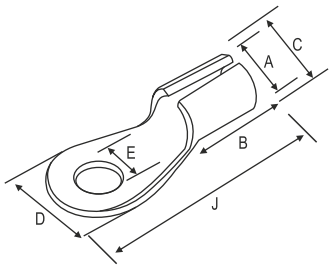


Kam® open close terminals are made out of EC grade copper. These terminals ensure completeness and ease of conductor entry so that contact is reliable and have more tensile strength. The terminals are annealed to avoid cracking or breaks and are tin plated to avoid oxidization and to achieve maximum corrossion protection.

## OPEN CLOSE SOLDERING TYPE COPPER RING TERMINALS

### Material Copper BS :1897
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 1.5 | 4.2 | 1.6 | 3.2 | 7 | 5 | 15 | OC - 71 |
| 2.5 | 5.2 | 2.3 | 3.9 | 9 | 6 | 18 | OC - 72 |
| 4 | 5.2 | 2.8 | 4.8 | 9 | 6 | 20 | OC - 73 |
| 6 | 6.5 | 3.6 | 5.6 | 12 | 7 | 24 | OC - 74 |
| 10 | 6.5 | 4.4 | 6.4 | 12 | 9 | 27 | OC - 75 |
| 16 | 8.2 | 5.4 | 7.8 | 15 | 11 | 32 | OC - 76 |
| 25 | 8.2 | 7.0 | 10.2 | 15 | 14 | 36 | OC - 77 |
| 35 | 8.2 | 8.0 | 11.2 | 18 | 15 | 41 | OC - 78 |
| 50 | 10.2 | 9.5 | 13.1 | 24 | 18 | 50 | OC - 79 |
| 70 | 10.2 | 11.8 | 15.8 | 28 | 23 | 58 | OC - 80 |
| 95 | 12.7 | 13.5 | 18.7 | 32 | 25 | 66 | OC - 81 |
| 120 | 12.7 | 15.5 | 21.1 | 34 | 29 | 73 | OC - 82 |
| 150 | 12.7 | 16.5 | 22.9 | 38 | 30 | 79 | OC - 83 |
| 185 | 16.2 | 18.5 | 25.7 | 42 | 35 | 87 | OC - 84 |
| 225 | 16.2 | 21.0 | 28.2 | 44 | 40 | 92 | OC - 85 |
| 240 | 16.2 | 22.5 | 30.5 | 48 | 42 | 100 | OC - 86 |
| 300 | 20.3 | 25.0 | 34.0 | 54 | 45 | 110 | OC - 87 |
| 400 | 20.3 | 29.5 | 39.5 | 62 | 54 | 125 | OC - 88 |
| 500 | 20.3 | 32.0 | 42.8 | 62 | 58 | 137 | OC - 89 |
| 625 | 20.3 | 36.0 | 46.8 | 70 | 65 | 148 | OC - 90 |

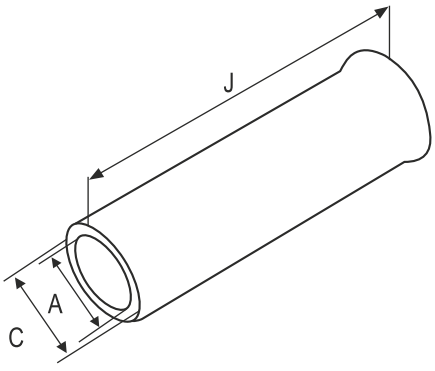


Kam® End Sealing Ferrules are manufactured from electrolytic copper. These ferrules are used when a perfect connection is needed at the end of a cable. Some cables, especially those with small diameters, may conduct badly in electrical connections without an End Sealing Ferrule. By using these ferrules strands deviation can be avoided and the risk of cable breakage can be reduced. Also these ferrules create a long lasting contact pressure and a large contact surface. Tinning is provided to give better finish, to avoid oxidisation and to achieve maximum corrosion protection.

## COPPER CRIMPING END SEALING FERRULES

### Material Copper BS: 1997
### Finish: Electro Tinned

| Size Sq. mm | Dimensions | | | Code No. |
|---|---|---|---|---|
| | A | C | J | |
| 0.5 | 1.0-1.1 | 1.4-1.5 | 6 | ES - 08 |
| 0.75 | 1.4-1.5 | 1.8-1.9 | 6 | ES - 09 |
| 1.0 | 1.6-1.7 | 2.0-2.1 | 6 | ES - 10 |
| | 1.6-1.7 | 2.0-2.1 | 10 | ES - 11 |
| 1.5 | 1.8-1.9 | 2.2-2.3 | 7 | ES - 12 |
| | 1.8-1.9 | 2.2-2.3 | 10 | ES - 13 |
| 2.5 | 2.3-2.4 | 2.7-2.8 | 7 | ES - 14 |
| | 2.3-2.4 | 2.7-2.8 | 12 | ES - 15 |
| 4.0 | 2.8-2.9 | 3.2-3.3 | 9 | ES - 16 |
| | 2.8-2.9 | 3.2-3.3 | 12 | ES - 17 |
| 6.0 | 3.7-3.8 | 4.1-4.2 | 10 | ES - 18 |
| | 3.7-3.8 | 4.1-4.2 | 12 | ES - 19 |
| | 3.7-3.8 | 4.1-4.2 | 15 | ES - 20 |
| 10 | 4.6-4.7 | 5.0-5.1 | 12 | ES - 21 |
| | 4.6-4.7 | 5.0-5.1 | 15 | ES - 22 |
| | 4.6-4.7 | 5.0-5.1 | 18 | ES - 23 |
| 16 | 5.9-6.0 | 6.3-6.4 | 12 | ES - 24 |
| | 5.9-6.0 | 6.3-6.4 | 15 | ES - 25 |
| | 5.9-6.0 | 6.3-6.4 | 18 | ES - 26 |



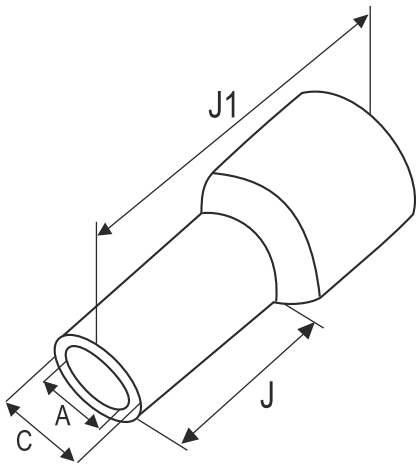
Kam® End Sealing Insulated Ferrules are manufactured from electrolytic copper. These ferrules have dimensions according to DIN 46228 and are used when a perfect connection is needed at the end of a cable. Some cables, especially those with small diameters, may conduct badly in electrical connections without an End Sealing Ferrule. By using these ferrules strands deviation can be avoided and the risk of cable breakage can be reduced. Also these ferrules create a long lasting contact pressure and a large contact surface. Tinning is provided to give better finish, to avoid oxidisation and to achieve maximum corrosion protection.

The Insulation Sleeve is manufactured from PP (Polypropylene). We also offer end terminals with insulation colours according to the most common colour system in the market. The colour of the insulation sleeves characterises the Cross section area of the conductor

## COPPER CRIMPING END SEALING INSULATED FERRULES

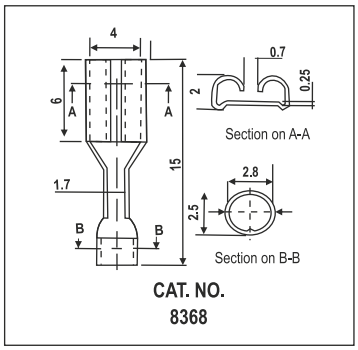
### Material Copper BS :1997
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | Code No. |
|---|---|---|---|---|---|
| | A | C | J | J-1 | |
| 0.5 | 1 | 1.4 | 6 | 12 | ESI-0.5-8 |
| 0.75 | 1.4 | 1.8 | 6 | 12 | ESI-0.75-8 |
| 1 | 1.6 | 2 | 6 | 12 | ESI-1-8 |
| | 1.6 | 2 | 10 | 16 | ESI-1-10 |
| 1.5 | 1.8 | 2.2 | 7 | 14 | ESI-1.5-8 |
| | 1.8 | 2.2 | 10 | 16 | ESI-1.5-10 |
| | 1.8 | 2.2 | 10 | 16 | ESI-1.5-12 |
| 2.5 | 2.3 | 2.7 | 7 | 14 | ESI-2.5-8 |
| | 2.3 | 2.7 | 10 | 14 | ESI-2.5-10 |
| | 2.3 | 2.7 | 12 | 18 | ESI-2.5-12 |
| 4 | 2.8 | 3.2 | 7 | 16 | ESI-4-8 |
| | 2.8 | 3.2 | 10 | 16 | ESI-4-10 |
| | 2.8 | 3.2 | 12 | 18 | ESI-4-12 |
| 6 | 3.7 | 4.1 | 10 | 18 | ESI-6-10 |
| | 3.7 | 4.1 | 12 | 20 | ESI-6-12 |
| | 3.7 | 4.1 | 15 | 23 | ESI-6-16 |
| 10 | 4.6 | 5 | 12 | 22 | ESI-10-12 |
| | 4.6 | 5 | 15 | 25 | ESI-10-16 |
| 16 | 5.9 | 6.3 | 12 | 24 | ESI-16-12 |
| | 5.9 | 6.3 | 15 | 27 | ESI-16-15 |
| | 5.9 | 6.3 | 15 | 27 | ESI-16-16 |



kam® snap on Terminals are made out of Phosporus bronze These are used in electrical and electronic installations like PCB mounted devices, electronic power relays etc. These can also be provided with insulation.

## SNAP ON TERMINALS

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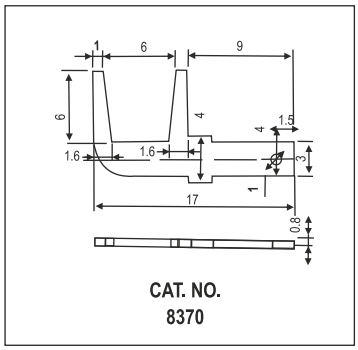

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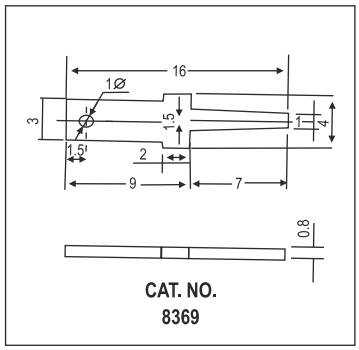

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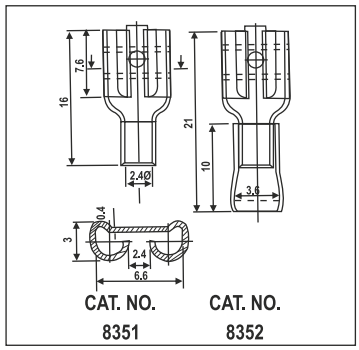

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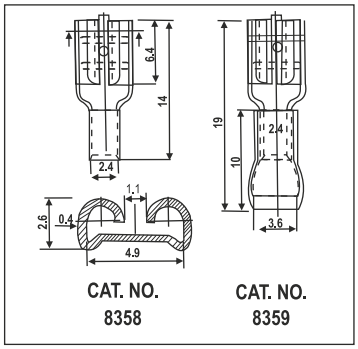

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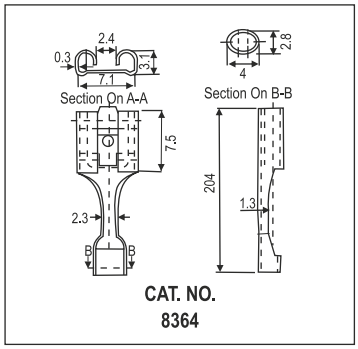


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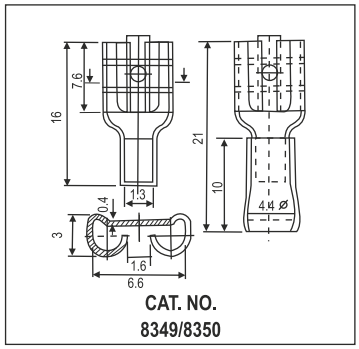

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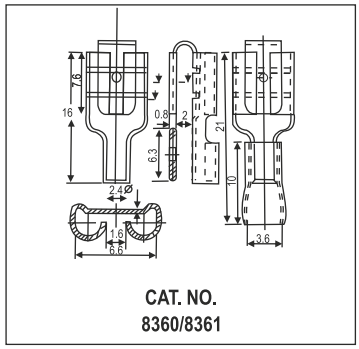

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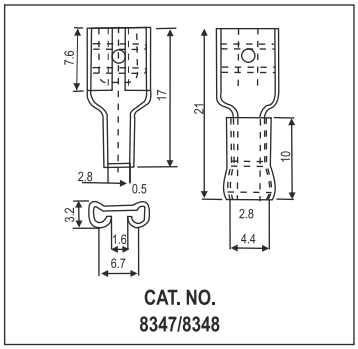

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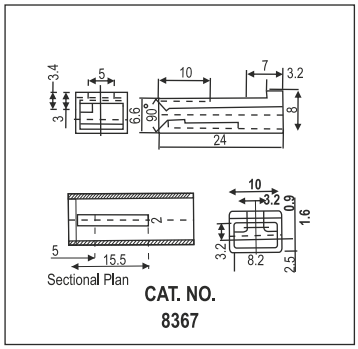
8347/8348

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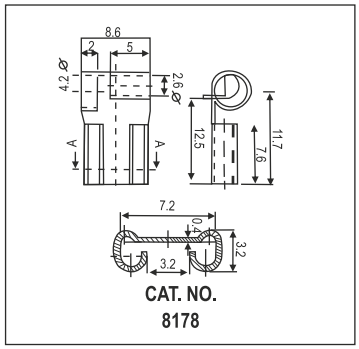

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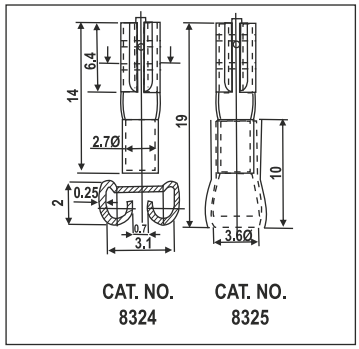

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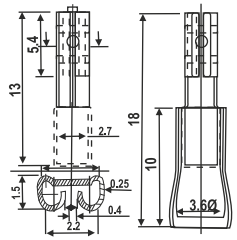
8325

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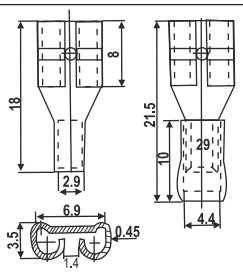


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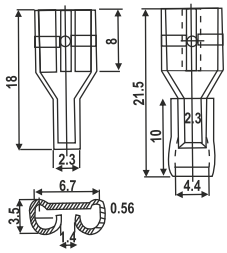


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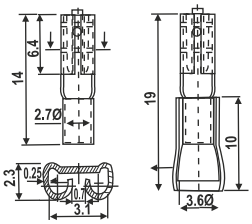


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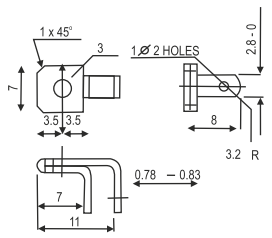


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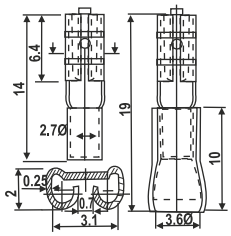


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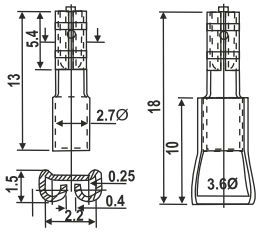


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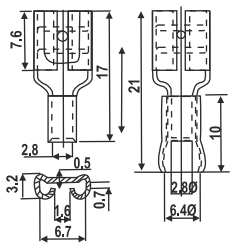


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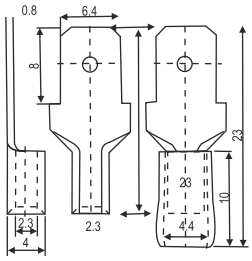


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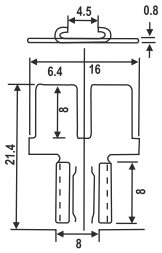


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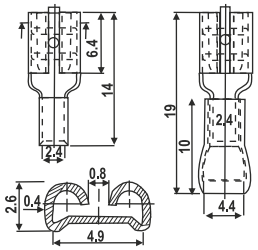


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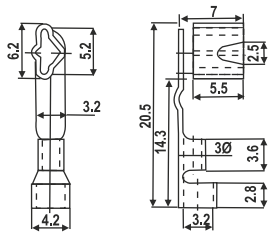


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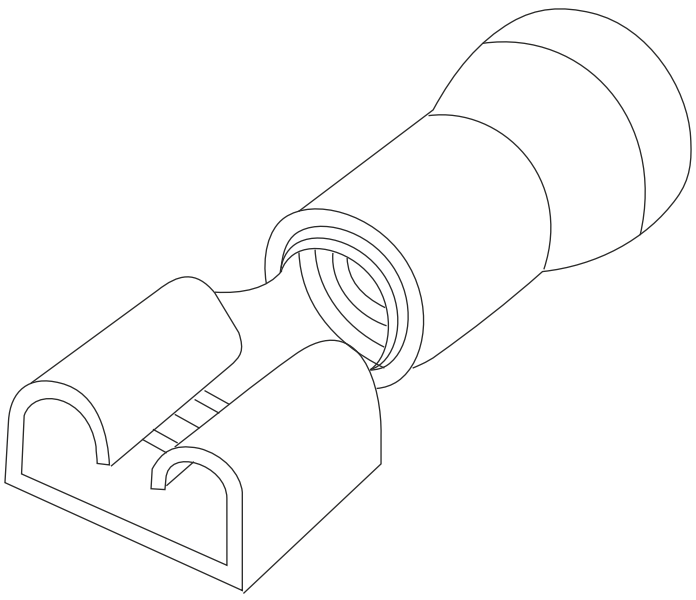


# PROCESS OF MANUFACTURING CABLE LUGS

SCOPE OF LUGS: The Cable Lugs are used for termination of cables to the equipments and connectors are used to extend the cables. The cable sizes vary as per the electric current requirements. Generally cable sockets/terminals used shall be of E. C. Grade copper. The cable sockets shall be duly tin plated for outer finish and to withstand the corrosion while storage and use.

## PROCESS

A) EXTRUSIONS: The cable Lugs & Connectors of various sizes are manufactured out of copper EC Grade wire bars. These wire bars are cut into 3 to 4 parts for melting. These are refined and are casted into round ingots as per required sizes. These ingots under go a process of cutting, which finally turns into the extrusion billets. These billets are drilled as per required I.D. of the internal diameter of tubes. These are further heated in gas fired furnaces to appropriate extrusion temperature. The heated billets are then extruded by hydropneumatic press into the mother tubes of required sizes. Three types of mother tubes are used for copper cable sockets.

| | | | |
|---|---|---|---|
| I.D. | 50 | 38 | 37.5 |
| O.D. | 64 | 50 | 40 |

B) TUBE DRAW: The copper mother tubes are finally made to required size of copper tubes which varies as per size of cable. The chart show the various sizes of copper tubes used. The dimension 'C' is 0. D. and 'A' is I. D. of Tube required for the particular cable terminals. The process is called tube drawing process. The mother tubes are drawn in draw bench with required T.C. dies of O.D, and plug for required I. D.

During the process the copper undergoes annealing process and each time the tube made to smaller size by swaging machine so that the pipe to be pulled at the beginning of pipe. This swaged pipes are pulled in draw bench every time it passes through small T.C. dies to reduce the diameters and every time these are annealed in heating furnace which gives burning and annealing loss.

C) CABLE LUGS MANUFACTURING: The drawn tubes are finally cut into the pieces in cutting machine to the required length of cable lugs and are chamfered. The cut tubes are finally annealed in annealing furnace and forged to make the plam of socket and in cutting process the front arc and hole is made. The lugs are then marked with required code number and size of cable. After this the lugs are ready for plating.

D) TINNING PROCESS: The cable lugs are finally acid tinned in plating plant. The tinning process is required for surface finish as well as to avoid corrosion whilst storage and use.

The cable sockets are finally checked and packed in boxes with sizes marked on the box. These boxes are finally packed in master carton for the final dispatch in export worthy packing.

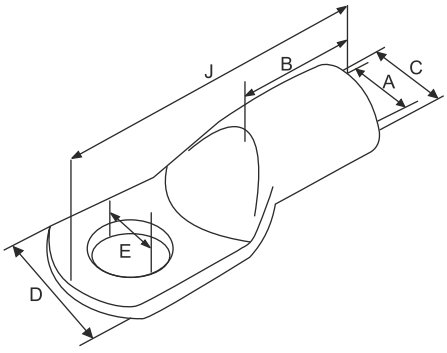
All the process checked at each stage as per the quality assurance plan.

Kamz® soldering type copper terminals are made out of EC grade copper and used where high value of current flow is desired and due to soldering loose terminations are avoided, thereby preventing heating at termination ends. Terminals are tin plated to avoid oxidization and to achieve maximum corrossion protection.

## SOLDERING TYPE COPPER TERMINALS (LIGHT DUTY)

### Material Copper BS :1977
### Finish : Electro Tinned

| AMPS | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 15 | 3.2 | 3.9 | 4.8 | 7 | 7 | 19 | CTS - 01 |
| 30 | 5.1 | 5.2 | 6.3 | 9 | 9 | 23 | CTS - 02 |
| 60 | 6.4 | 8.1 | 9.5 | 14 | 14 | 36 | CTS - 03 |
| 100 | 9.5 | 10.9 | 12.7 | 19 | 19 | 49 | CTS - 04 |
| 150 | 9.5 | 13.9 | 15.9 | 24 | 23 | 57 | CTS - 05 |
| 200 | 12.7 | 16.6 | 19.0 | 28 | 27 | 66 | CTS - 06 |
| 300 | 12.7 | 19.0 | 22.2 | 33 | 28 | 80 | CTS - 07 |
| 400 | 15.9 | 22.2 | 25.4 | 38 | 32 | 89 | CTS - 08 |
| 500 | 19.0 | 25.4 | 28.6 | 43 | 38 | 105 | CTS - 09 |
| 600 | 19.0 | 27.8 | 31.8 | 47 | 44 | 115 | CTS - 10 |
| 800 | 23.8 | 31.7 | 38.1 | 56 | 47 | 121 | CTS - 11 |
| 1000 | 23.8 | 38.1 | 44.5 | 66 | 56 | 152 | CTS - 12 |
| 1000 | - | 50.0 | 57.3 | 85 | 62 | 164 | CTS - 95 |

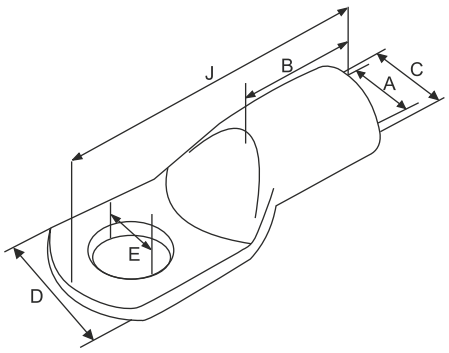


Kamm® soldering type heavy duty copper terminals are made out of EC grade copper and used where high value of current flow is desired and due to soldering loose terminations are avoided, thereby preventing heating at termination ends. Terminals are tin plated to avoid oxidization and to achieve maximum corrossion protection.

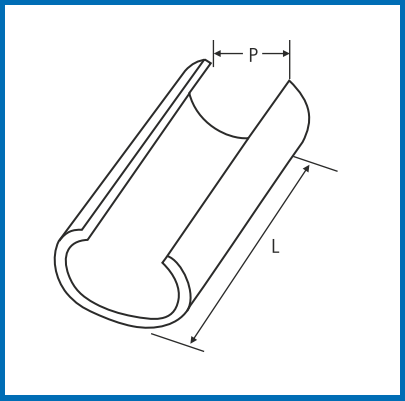
## SOLDERING TYPE COPPER TERMINALS (HEAVY DUTY)

### Material Copper BS :1977
### Finish : Electro Tinned

| AMPS | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 15 | 5.1 | 4.8 | 6.2 | 9 | 10 | 24 | BSS - 6 |
| 30 | 7.1 | 6.4 | 8.0 | 12 | 13 | 33 | BSS - 7 |
| 60 | 10.3 | 9.5 | 11.3 | 17 | 14 | 44 | BSS - 8 |
| 100 | 11.9 | 11.9 | 13.9 | 21 | 19 | 55 | BSS - 9 |
| 150 | 13.5 | 14.3 | 17.1 | 25 | 22 | 62 | BSS - 10 |
| 200 | 13.5 | 16.7 | 19.9 | 29 | 29 | 78 | BSS - 11 |
| 300 | 16.7 | 20.6 | 24.2 | 36 | 32 | 86 | BSS - 12 |
| 400 | 16.7 | 23.8 | 27.8 | 41 | 38 | 100 | BSS - 13 |
| 500 | 19.8 | 26.2 | 31.4 | 46 | 44 | 111 | BSS - 14 |
| 300 | 18.0 | 26.2 | 34.2 | 49 | 44 | 111 | BSS - 28 |
| 500 | 22.0 | 31.7 | 40.9 | 59 | 48 | 121 | BSS - 29 |
| 630 | 26.0 | 36.5 | 46.1 | 67 | 56 | 139 | BSS - 30 |



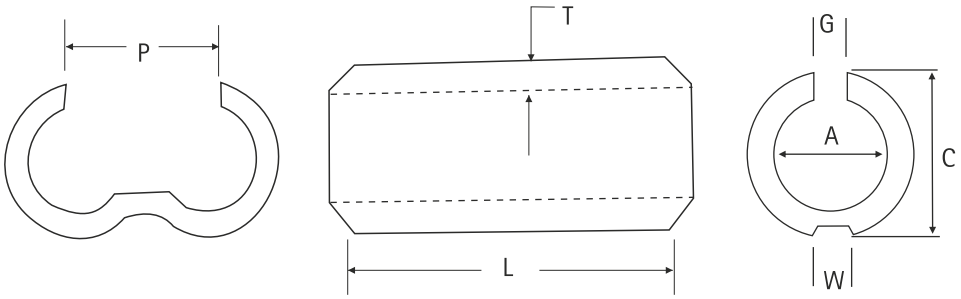
Kam® Soldering Type Weak Back Ferrules are manufactured out of copper and are used to solder straight through joints. Tinning is provided to give better finish, to avoid oxidisation and to achieve maximum corrossion protection.



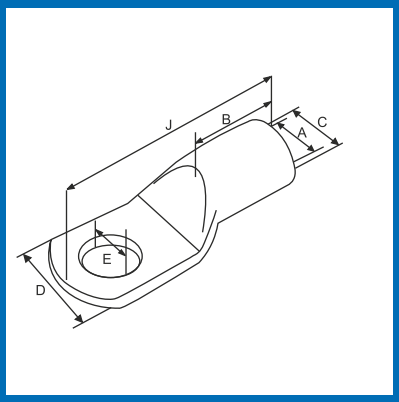

## SOLDERING TYPE COPPER WEAK BACK FERRULES

### Material Copper BS :1997
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | G | B | T | P | |
| 6 | 3.9 | 5.5 | 2 | 20 | 0.8 | 3 | WB-79 |
| 10 | 4.5 | 6.2 | 2 | 25 | 0.8 | 4 | WB-80 |
| 16 | 5.5 | 7.1 | 2 | 25 | 1.0 | 5 | WB-81 |
| 25 | 6.9 | 8.8 | 2 | 30 | 1 | 7 | WB-82 |
| 35 | 8.3 | 10.6 | 2 | 35 | 1.2 | 8 | WB-83 |
| 50 | 9.6 | 12.4 | 2 | 40 | 1.2 | 9 | WB-84 |
| 70 | 11.3 | 14.7 | 3 | 45 | 1.4 | 12 | WB-85 |
| 95 | 13.5 | 17.4 | 3 | 50 | 1.4 | 13 | WB-86 |
| 120 | 15.1 | 19.4 | 4 | 55 | 1.6 | 15 | WB-87 |
| 150 | 16.6 | 21.2 | 4 | 60 | 1.8 | 16 | WB-88 |
| 185 | 18.5 | 23.5 | 4 | 65 | 2.2 | 18 | WB-89 |
| 225 | 20.5 | 24.9 | 5 | 75 | 2.2 | 20 | WB-90 |
| 240 | 21.1 | 26.5 | 5 | 80 | 2.2 | 21 | WB-91 |
| 300 | 23.6 | 30 | 5 | 85 | 2.8 | 23 | WB-92 |
| 400 | 26.8 | 34.8 | 7 | 95 | 3.1 | 27 | WB-93 |
| 500 | 30.1 | 39 | 7 | 105 | 3.5 | 30 | WB-94 |
| 625 | 35 | 45 | 8 | 115 | 4 | 33 | WB-95 |



Kamp® Copper Tube Crimping Terminals are manufactured from electrolytic copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. These are used for terminating any size of cables, electrical switching equipments, where vibration is critical.




Terminals are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the sever deformation arising when compressed and any bending of the palm during installation. In application subject to vibration, terminals still have to perform a reliable connection. Annealing plays a vital role in avoiding cracking or breaks between the barrel and plam. Tin plating on the terminals avoids oxidization and achieves maximum corrossion protection.

## COPPER CRIMPING TERMINALS FOR ALUMINIUM CONDUCTOR (LIGHT DUTY)

### Material : Copper BS :1977 Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 2.5 | 5.2 | 2.0 | 3.7 | 9 | 7 | 20 | CT - 05 |
| 4 | 6.2 | 3.1 | 4.8 | 11 | 7 | 22 | CT - 06 |
| 6 | 6.2 | 3.8 | 5.5 | 11 | 9 | 24 | CT - 07 |
| 10 | 6.2 | 4.4 | 6.2 | 11 | 9 | 24 | CT - 08 |
| 16 | 6.2 | 5.3 | 7.1 | 11 | 12 | 30 | CT - 09 |
| 25 | 6.2 | 7.0 | 9.0 | 13 | 12 | 37 | CT - 10 |
| 35 | 6.2 | 8.0 | 10.0 | 15 | 12 | 37 | CT - 11 |
| | 8.2 | 8.0 | 10.0 | 15 | 12 | 37 | CT - 12 |
| 50 | 6.2 | 9.2 | 11.2 | 16 | 16 | 45 | CT - 13 |
| | 8.2 | 9.2 | 11.2 | 16 | 16 | 45 | CT - 14 |
| | 10.2 | 9.2 | 11.2 | 16 | 16 | 45 | CT - 15 |
| 70 | 8.2 | 11.5 | 13.8 | 20 | 18 | 56 | CT - 16 |
| | 10.2 | 11.5 | 13.8 | 20 | 18 | 56 | CT - 17 |
| | 12.7 | 11.5 | 13.8 | 20 | 18 | 56 | CT - 18 |
| 95 | 10.2 | 12.8 | 15.6 | 23 | 20 | 58 | CT - 19 |
| | 12.7 | 12.8 | 15.6 | 23 | 20 | 58 | CT - 20 |
| 120 | 10.2 | 14.8 | 17.8 | 26 | 22 | 62 | CT - 21 |
| | 12.7 | 14.8 | 17.8 | 26 | 22 | 62 | CT - 22 |
| | 16.2 | 14.8 | 17.8 | 26 | 22 | 62 | CT - 23 |
| 150 | 10.2 | 16.0 | 19.6 | 28 | 26 | 70 | CT - 24 |
| | 12.7 | 16.0 | 19.6 | 28 | 26 | 70 | CT - 25 |
| | 16.2 | 16.0 | 19.6 | 28 | 26 | 70 | CT - 26 |
| 185 | 12.7 | 18.0 | 22.0 | 32 | 30 | 83 | CT - 27 |
| | 16.2 | 18.0 | 22.0 | 32 | 30 | 83 | CT - 28 |
| 225 | 16.2 | 20.0 | 24.0 | 35 | 34 | 95 | CT - 231 |
| 240 | 16.2 | 22.0 | 26.0 | 38 | 36 | 97 | CT - 29 |
| | 20.3 | 22.0 | 26.0 | 38 | 36 | 97 | CT - 30 |
| 300 | 16.2 | 24.0 | 28.7 | 42 | 39 | 103 | CT - 31 |
| | 20.3 | 24.0 | 28.7 | 42 | 39 | 103 | CT - 32 |
| 400 | 20.3 | 28.0 | 33.2 | 49 | 44 | 116 | CT - 33 |
| 500 | 20.3 | 30.0 | 36.0 | 53 | 48 | 120 | CT - 34 |
| 630 | 20.3 | 35.0 | 41.5 | 61 | 55 | 137 | CT - 35 |
| 800 | - | 39.0 | 46.3 | 67 | 65 | 165 | CT - 62 |
| 1000 | - | 43.0 | 53.8 | 76 | 90 | 210 | CT - 76 |

Kam® Copper Tube Crimping Terminals With Inspection Hole are manufactured from Electrolytic Copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. These are used for terminating any size of cables, electrical switching equipments, where vibration is critical.

Terminals are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the sever deformation arising when compressed and any bending of the palm during installation. In application subject to vibration, terminals still have to perform a reliable connection, annealing plays a vital role in avoiding cracking or breaks between the barrel and palm.

The presence of inspection hole facilitates full insertion of conductor while the barrel length has been designed to allow easy and accurate position dies during the crimping operation.

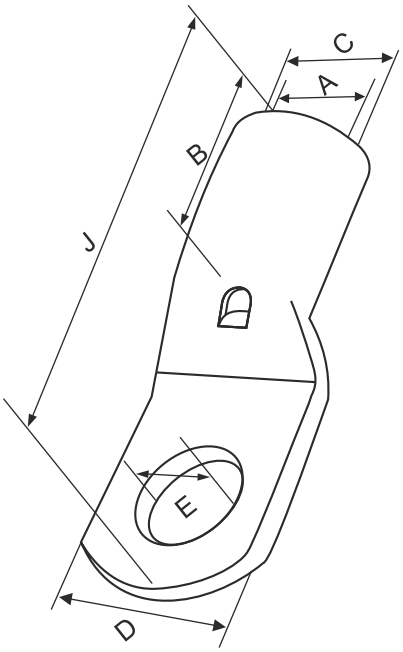
Tin plating on the terminals avoids oxidization and achieves maximum corrosion protection.

## COPPER CRIMPING TERMINALS WITH INSPECTION HOLE (LIGHT DUTY)

### Material Copper BS :1977
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 35 | 6.5 | 8.0 | 10.0 | 15.3 | 12 | 35 | CA 35-6 |
| | 8.4 | 8.0 | 10.0 | 15.3 | 12 | 35 | CA 35-8 |
| | 10.5 | 8.0 | 10.0 | 18 | 12 | 38 | CA 35-10 |
| | 12.7 | 8.0 | 10.0 | 20 | 15 | 42 | CA 35-12 |
| 50 | 6.5 | 9.2 | 11.2 | 18 | 16 | 43 | CA 50-6 |
| | 8.4 | 9.2 | 11.2 | 18 | 16 | 43 | CA 50-8 |
| | 10.5 | 9.2 | 11.2 | 18 | 16 | 43 | CA 50-10 |
| | 12.7 | 9.2 | 11.2 | 18 | 16 | 43 | CA 50-12 |
| 70 | 6.4 | 11.6 | 13.8 | 21 | 18 | 50 | CA 70-6 |
| | 8.4 | 11.6 | 13.8 | 21 | 18 | 50 | CA 70-8 |
| | 10.5 | 11.6 | 13.8 | 21 | 18 | 50 | CA 70-10 |
| | 13 | 11.6 | 13.8 | 21 | 18 | 50 | CA 70-12 |
| 95 | 8.4 | 12.8 | 15.6 | 25 | 20 | 55 | CA 95-8 |
| | 10.5 | 12.8 | 15.6 | 25 | 20 | 55 | CA 95-10 |
| | 13 | 12.8 | 15.6 | 25 | 20 | 55 | CA 95-12 |
| 120 | 8.5 | 14.8 | 17.8 | 28 | 22 | 60 | CA 120-8 |
| | 10.5 | 14.8 | 17.8 | 28 | 22 | 60 | CA 120-10 |
| | 12.7 | 14.8 | 17.8 | 28 | 22 | 60 | CA 120-12 |

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 120 | 15 | 14.8 | 17.8 | 28 | 22 | 64 | CA 120-14 |
| | 17 | 14.8 | 17.8 | 28 | 22 | 64 | CA 120-16 |
| | 21 | 14.8 | 17.8 | 28 | 22 | 64 | CA 120-20 |
| 150 | 8.4 | 16 | 19.6 | 30 | 26 | 69 | CA 150-8 |
| | 10.5 | 16 | 19.6 | 30 | 26 | 69 | CA 150-10 |
| | 12.7 | 16 | 19.6 | 30 | 26 | 69 | CA 150-12 |
| | 17 | 16 | 19.6 | 30 | 26 | 69 | CA 150-16 |
| 185 | 12.7 | 18 | 22 | 34 | 32 | 78 | CA 185-10 |
| | 15 | 18 | 22 | 34 | 32 | 78 | CA 185-12 |
| | 17 | 18 | 22 | 34 | 32 | 78 | CA 185-14 |
| | 21 | 18 | 22 | 34 | 32 | 78 | CA 185-16 |
| | 21 | 18 | 22 | 34 | 32 | 78 | CA 185-20 |
| 240 | 10.5 | 22 | 26 | 38 | 38 | 92 | CA 240-10 |
| | 12.7 | 22 | 26 | 38 | 38 | 92 | CA 240-12 |
| | 17 | 22 | 26 | 38 | 38 | 92 | CA 240-16 |
| | 21 | 22 | 26 | 38 | 38 | 92 | CA 240-20 |
| 300 | 12.7 | 24 | 28.7 | 43 | 42 | 101 | CA 300-12 |
| | 17 | 24 | 28.7 | 43 | 42 | 101 | CA 300-16 |
| | 21 | 24 | 28.7 | 43 | 42 | 101 | CA 300-20 |
| 400 | 17 | 28 | 33.2 | 50 | 44 | 114 | CA 400-16 |
| | 21 | 28 | 33.2 | 50 | 44 | 114 | CA 400-20 |
| 500 | 17 | 30 | 36 | 56 | 48 | 117 | CA 500-16 |
| | 21 | 30 | 36 | 56 | 48 | 117 | CA 500-20 |
| | - | 30 | 36 | 56 | 48 | 117 | CA 500BL |
| 630 | 13 | 35 | 41.5 | 65 | 69 | 145 | CA 630-12 |
| | 17 | 35 | 41.5 | 65 | 69 | 145 | CA 630-16 |
| | 21 | 35 | 41.5 | 65 | 69 | 145 | CA 630-20 |
| | - | 35 | 41.5 | 65 | 69 | 145 | CA 630BL |
| | 8.5 | 35 | 41.5 | 65 | 69 | 145 | CA 630-4X8 |
| | 10.5 | 35 | 41.5 | 65 | 69 | 145 | CA 630-4X10 |
| | 13 | 35 | 41.5 | 65 | 69 | 145 | CA 630-4X12 |
| 800 | 21 | 39 | 46.3 | 73 | 78 | 170 | CA 800-20 |
| | - | 39 | 46.3 | 73 | 78 | 170 | CA 800-BL |
| 1000 | - | 43 | 53.8 | 81 | 90 | 200 | CA-1000BL |



Kamm® Copper Tube Crimping Terminals are manufactured from Electrolytic Copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. These are used for terminating any size of cables to terminating electrical switching equipments, where vibration is critical.

Terminals are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the sever deformation arising when compressed and any bending of the palm during installation. In application subject to vibration, terminals still have to perform a reliable connection, annealing plays a vital role in avoiding cracking or breaks between the barrel and palm.

The presence of inspection hole facilitates full insertion of conductor while the barrel length has been designed to allow easy and accurate position dies during the crimping operation.

Tin plating on the terminals avoids oxidization and achieves maximum corrosion protection

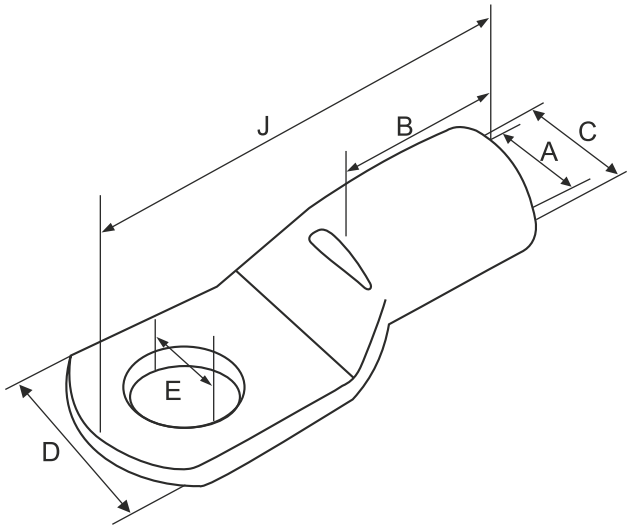
## COPPER CRIMPING TERMINALS WITH INSPECTION HOLE FOR COPPER CONDUCTOR (HEAVY DUTY)

### Material Copper BS :1977
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 1.5 | 4.2 | 1.8 | 3.7 | 8 | 5 | 16 | 1.5-4 CT-711 |
| | 5.2 | 1.8 | 3.7 | 8 | 5 | 16 | 1.5-5 CT-538 |
| | 6.4 | 1.8 | 3.7 | 9 | 5 | 18 | 1.5-6 CT-539 |
| | 8.4 | 1.8 | 3.7 | 12 | 5 | 22 | 1.5-8 |
| 2.5 | 4.2 | 2.4 | 4 | 8 | 7 | 18 | 2.5-4 CT-388 |
| | 5.2 | 2.4 | 4 | 9 | 7 | 20 | 2.5-5 CT-540 |
| | 6.5 | 2.4 | 4 | 10 | 7 | 20 | 2.5-6 CT-541 |
| | 8.4 | 2.4 | 4 | 11.5 | 7 | 26 | 2.5-8 CT-762 |
| 4 | 4.2 | 3.1 | 4.8 | 8 | 7 | 20 | 4-4 CT-764 |
| | 5.2 | 3.1 | 4.8 | 9 | 7 | 20 | 4-5 CT-389 |
| | 6.5 | 3.1 | 4.8 | 10 | 7 | 20 | 4-6 CT-543 |
| | 8.4 | 3.1 | 4.8 | 11.5 | 7 | 25 | 4-8 CT-763 |
| 6 | 4.2 | 3.8 | 5.5 | 9 | 9 | 23 | 6-4 |
| | 5.2 | 3.8 | 5.5 | 10 | 9 | 23 | 6-5 CT-390 |
| | 6.5 | 3.8 | 5.5 | 12 | 9 | 26 | 6-6 CT-544 |
| | 8.4 | 3.8 | 5.5 | 12 | 9 | 26 | 6-8 CT-545 |
| | 10.5 | 3.8 | 5.5 | 15 | 9 | 32 | 6-10 CT-854 |
| 10 | 5.2 | 4.5 | 6.2 | 10 | 9 | 26 | 10-5 CT-822 |
| | 6.5 | 4.5 | 6.2 | 11 | 9 | 26 | 10-6 CT-353 |
| | 8.4 | 4.5 | 6.2 | 12 | 9 | 26 | 10-8 CT-547 |
| | 10.5 | 4.7 | 7.1 | 14 | 10 | 32 | 10-10 CT-855 |
| | 12.7 | 4.7 | 7.1 | 17 | 10 | 33 | 10-12 CT-856 |

## Material Copper BS :1977
## Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 16 | 5.2 | 5.4 | 7.1 | 10 | 12 | 30 | 16-5 CT-696 |
| | 6.4 | 5.4 | 7.1 | 11 | 12 | 30 | 16-6 CT-354 |
| | 8.4 | 5.4 | 7.1 | 12 | 12 | 31 | 16-8 CT-549 |
| | 10.5 | 5.5 | 7.9 | 14.5 | 13 | 35 | 16-10 CT-657 |
| | 12.7 | 5.5 | 7.9 | 17 | 13 | 40 | 16-12 CT-858 |
| | 16.5 | 5.5 | 7.9 | 22 | 13 | 40 | 16-16 |
| 25 | 6.4 | 6.8 | 8.8 | 13 | 12 | 32 | 25-6 CT-355 |
| | 8.4 | 6.8 | 8.8 | 13 | 12 | 32 | 25-8 CT-551 |
| | 10.5 | 6.8 | 8.8 | 16 | 12 | 38 | 25-10 CT-552 |
| | 12.7 | 6.8 | 8.8 | 16.5 | 12 | 40 | 25-12 CT-765 |
| | 16.5 | 6.8 | 8.8 | 24 | 13 | 45 | 25-16 |
| 35 | 6.5 | 8.2 | 10.6 | 15.3 | 12 | 35 | 35-6 CT-542 |
| | 8.4 | 8.2 | 10.6 | 15.3 | 12 | 35 | 35-8 CT-356 |
| | 10.5 | 8.2 | 10.6 | 16 | 12 | 38 | 35-10 CT-554 |
| | 12.7 | 8.2 | 10.6 | 17 | 15 | 42 | 35-12 CT-853 |
| | 16.5 | 8.2 | 10.6 | 24 | 14 | 50 | 35-16 |
| 50 | 6.5 | 9.5 | 12.4 | 18 | 16 | 43 | 50-6 CT-746 |
| | 8.4 | 9.5 | 12.4 | 18 | 16 | 43 | 50-8 CT-357 |
| | 10.5 | 9.5 | 12.4 | 18 | 16 | 43 | 50-10 CT-556 |
| | 12.7 | 9.5 | 12.4 | 18 | 16 | 43 | 50-12 CT-698 |
| | 15 | 9.5 | 12.4 | 20 | 17 | 49 | 50-14 |
| | 17 | 9.5 | 12.4 | 24 | 18 | 54 | 50-16 CT-699 |
| | 21 | 9.5 | 12.4 | 30 | 18 | 54 | 50-20 |
| 70 | 6.4 | 11.2 | 14.7 | 21 | 18 | 50 | 70-6 CT-748 |
| | 8.4 | 11.2 | 14.7 | 21 | 18 | 50 | 70-8 CT-557 |
| | 10.5 | 11.2 | 14.7 | 21 | 18 | 50 | 70-10 CT-358 |
| | 13 | 11.2 | 14.7 | 21 | 18 | 50 | 70-12 CT-559 |
| | 15 | 11.2 | 14.7 | 25 | 20 | 55 | 70-14 CT-795 |
| | 17 | 11.2 | 14.7 | 25 | 20 | 55 | 70-16 CT-780 |
| | 21 | 11.2 | 14.7 | 26 | 20 | 55 | 70-20 CT-781 |



| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 95 | 6.4 | 13.5 | 17.4 | 25 | 20 | 55 | 95-6 |
| | 8.4 | 13.5 | 17.4 | 25 | 20 | 55 | 95-8 CT-752 |
| | 10.5 | 13.5 | 17.4 | 25 | 20 | 55 | 95-10 CT-359 |
| | 13 | 13.5 | 17.4 | 25 | 20 | 55 | 95-12 CT-561 |
| | 15 | 13.5 | 17.4 | 26 | 20 | 55 | 95-14 CT-796 |
| | 17 | 13.5 | 17.4 | 26 | 22 | 60 | 95-16 CT-672 |
| | 21 | 13.5 | 17.4 | 28 | 22 | 64 | 95-20 CT-673 |
| 120 | 6.4 | 15 | 19.4 | 28 | 22 | 64 | 120-6 |
| | 8.5 | 15 | 19.4 | 28 | 22 | 64 | 120-8 CT-782 |
| | 10.5 | 15 | 19.4 | 28 | 22 | 64 | 120-10 CT-700 |
| | 12.7 | 15 | 19.4 | 28 | 22 | 64 | 120-12 CT-241 |
| | 15 | 15 | 19.4 | 28 | 22 | 64 | 120-14 CT-797 |
| | 17 | 15 | 19.4 | 28 | 22 | 64 | 120-16 CT-546 |
| | 21 | 15 | 19.4 | 28 | 22 | 64 | 120-20 CT-798 |
| 150 | 8.4 | 16.5 | 21.2 | 30 | 26 | 69 | 150-8 CT-783 |
| | 10.5 | 16.5 | 21.2 | 30 | 26 | 69 | 150-10 CT-676 |
| | 12.7 | 16.5 | 21.2 | 30 | 26 | 69 | 150-12 CT-242 |
| | 15 | 16.5 | 21.2 | 30 | 26 | 69 | 150-14 CT-799 |
| | 17 | 16.5 | 21.2 | 30 | 26 | 69 | 150-16 CT-564 |
| | 21 | 16.5 | 21.2 | 30 | 26 | 69 | 150-20 CT-565 |
| 185 | 8.5 | 18.5 | 23.5 | 34 | 32 | 78 | 185-8 |
| | 10.5 | 18.5 | 23.5 | 34 | 32 | 78 | 185-10 CT-652 |
| | 12.7 | 18.5 | 23.5 | 34 | 32 | 78 | 185-12 CT-639 |
| | 15 | 18.5 | 23.5 | 34 | 32 | 78 | 185-14 CT-800 |
| | 17 | 18.5 | 23.5 | 34 | 32 | 78 | 185-16 CT-243 |
| | 21 | 18.5 | 23.5 | 34 | 32 | 78 | 185-20 CT-704 |

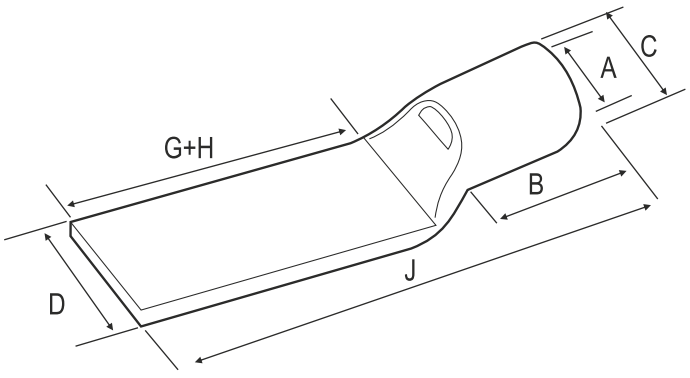
| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 240 | 8.5 | 21 | 26.5 | 38 | 38 | 92 | 240-8 |
| 240 | 10.5 | 21 | 26.5 | 38 | 38 | 92 | 240-10 CT-787 |
| 240 | 12.7 | 21 | 26.5 | 38 | 38 | 92 | 240-12 CT-705 |
| 240 | 15 | 21 | 26.5 | 38 | 38 | 92 | 240-14 CT-801 |
| 240 | 17 | 21 | 26.5 | 38 | 38 | 92 | 240-16 CT-244 |
| 240 | 21 | 21 | 26.5 | 38 | 38 | 92 | 240-20 CT-567 |
| 300 | 10.5 | 23.5 | 30 | 43 | 42 | 101 | 300-10 CT-568 |
| 300 | 12.7 | 23.5 | 30 | 43 | 42 | 101 | 300-12 CT-597 |
| 300 | 15 | 23.5 | 30 | 43 | 42 | 101 | 300-14 CT-802 |
| 300 | 17 | 23.5 | 30 | 43 | 42 | 101 | 300-16 CT-245 |
| 300 | 21 | 23.5 | 30 | 43 | 42 | 101 | 300-20 CT-569 |
| 400 | 10.5 | 26.8 | 34.8 | 50 | 44 | 114 | 400-10 |
| 400 | 13 | 26.8 | 34.8 | 50 | 44 | 114 | 400-12 |
| 400 | 15 | 26.8 | 34.8 | 50 | 44 | 114 | 400-14 |
| 400 | 17 | 26.8 | 34.8 | 50 | 44 | 114 | 400-16 CT-246 |
| 400 | 21 | 26.8 | 34.8 | 50 | 44 | 114 | 400-20 CT-571 |
| 500 | 13 | 30 | 39 | 56 | 48 | 124 | 500-12 |
| 500 | 17 | 30 | 39 | 56 | 48 | 124 | 500-16 CT-596 |
| 500 | 21 | 30 | 39 | 56 | 48 | 124 | 500-20 CT-247 |
| 630 | - | 35 | 45 | 65 | 56 | 144 | 630BL CT-761 |
| 630 | 17 | 35 | 45 | 65 | 56 | 144 | 630-16 CT-807 |
| 630 | 21 | 35 | 45 | 65 | 56 | 144 | 630-20 CT-248 |
| 800 | - | 39 | 50.6 | 73 | 78 | 170 | 800BL CT-599 |
| 800 | 21 | 39 | 50.6 | 73 | 78 | 170 | 800-20 CT-808 |
| 1000 | - | 43 | 53.7 | 81 | 90 | 200 | 1000BL CT-590 |
| 1000 | 21 | 43 | 53.7 | 81 | 90 | 200 | 1000-20 CT-809 |

Kamm® Copper Long Palm Terminals are manufactured from Electrolytic Copper tube. These are used where more secured termination is required as it can easily accommodate two bolts to reduce drift. All terminals are standard with blank palm and stud holes can be punched to order. These terminals are normally used in vibrating applications. The presence of inspection hole facilitates full insertion of conductor. The terminals are tin plated to avoid oxidization and to achieve maximum corrosion protection.

## EXTENDED PALM BLANKS COPPER CRIMPING TERMINAL ENDS FOR COPPER CONDUCTORS

### Material Copper BS :1977
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | D | B | G+H | J | |
| 50 | 9.5 | 12.4 | 18 | 16 | 42 | 64 | CT - 466 |
| 70 | 11.2 | 14.7 | 21 | 18 | 50 | 75 | CT - 467 |
| 95 | 13.5 | 17.4 | 25 | 20 | 52 | 81 | CT - 468 |
| 120 | 15.0 | 19.4 | 28 | 22 | 56 | 88 | CT - 469 |
| 150 | 16.5 | 21.2 | 30 | 26 | 64 | 101 | CT - 470 |
| 185 | 18.5 | 23.5 | 34 | 32 | 68 | 112 | CT - 471 |
| 240 | 21.0 | 26.5 | 38 | 38 | 80 | 132 | CT - 472 |
| 300 | 23.5 | 30.0 | 43 | 42 | 88 | 145 | CT - 473 |
| 400 | 28.5 | 36.5 | 53 | 44 | 104 | 166 | CT - 474 |
| 500 | 30.0 | 39.0 | 56 | 48 | 112 | 180 | CT - 475 |
| 625 | 35.0 | 45.0 | 65 | 56 | 132 | 210 | CT - 476 |



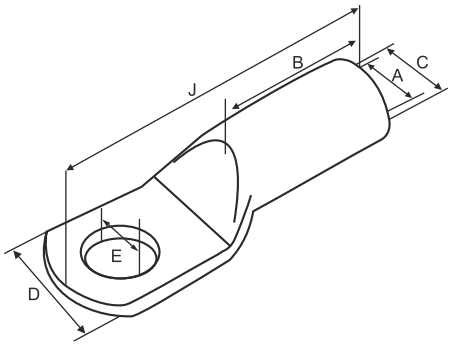
Kamp® Copper Long Barrel Tube Terminals are made from high purity copper tube and are annealed to avoid cracking or breaks. The increased barrel length ensures enhanced electrical and mechanical performance in heavy duty application. The absence of an inspection hole prevents the entry of water or moisture into crimped joints making them suitable for outdoor applications. The terminals are tin plated to avoid oxidization and to achieve maximum corrossion protection.

The increased barrel length ensures enhanced electrical and mechanical performance in heavy duty application. The absence of an inspection hole prevents the entry of water or moisture into crimped joints making them suitable for outdoor applications. The terminals are tin plated to avoid oxidization and to achieve maximum corrossion protection.

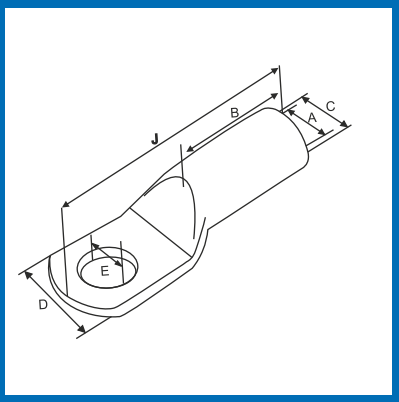
## COPPER CRIMPING TERMINALS FOR COPPER CONDUCTORS (LONG BARREL)

### Material Copper BS :1997
### Finish : Electro Tinned

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 25 | 8.2 | 6.8 | 8.8 | 13 | 16 | 41 | CT-82 |
| 35 | 8.2 | 8.2 | 10.6 | 15 | 20 | 48 | CT-83 |
| 50 | 8.2 | 9.5 | 12.4 | 17 | 26 | 59 | CT-84 |
| 70 | 10.5 | 11.2 | 14.7 | 20 | 28 | 66 | CT-85 |
| 95 | 12.7 | 13.5 | 17.4 | 24 | 32 | 74 | CT-86 |
| 120 | 12.7 | 15 | 19.4 | 28 | 35 | 82 | CT-87 |
| 150 | 12.7 | 16.5 | 21.2 | 30 | 38 | 86 | CT-88 |
| 185 | 12.7 | 18.5 | 23.5 | 34 | 43 | 95 | CT-89 |
| 240 | 16.2 | 21 | 26.5 | 38 | 50 | 112 | CT-90 |
| 300 | 16.2 | 23.5 | 30 | 43 | 55 | 120 | CT-91 |
| 400 | 20.3 | 26.8 | 34.8 | 50 | 58 | 135 | CT-92 |
| 500 | 21 | 30 | 39 | 56 | 70 | 150 | CT-93 |
| 630 | 21 | 35 | 45 | 65 | 76 | 165 | CT-94 |
| 800 | | 39 | 50.5 | 73 | 105 | 200 | CT-95 |
| 1000 | | 43 | 53.7 | 81 | 130 | 240 | CT-96 |



kam® copper tube terminals are manufactured from Electrolytic Copper Tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength to resist vibration and pull out. These are used for terminating any size of cable, electrical switching equipments, where vibration is critical.




Terminals are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the sever deformation arising when compressed and any bending of the palm during installation. In application subject to vibration terminals still have to perform a reliable connection, annealing plays a vital role in avoiding crackings or breaks between the barrel and palm.

The terminals are designed as per DIN standard 46235. The plating on the terminals avoids oxidization and achieves maximum corrosion protection.

## COPPER CRIMPING TERMINALS AS PER DIN STANDARDS

| Cable mm2 | Stud Hole E | Dimensions (mm2) A | C | B | D | G | H | J | Cat No. |
|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.3 | 3.8 | 5.5 | 10 | 8.5 | 6.5 | 7.5 | 31 | 6-5 DIN |
| | 6.5 | 3.8 | 5.5 | 10 | 8.5 | 7.5 | 8.0 | 32 | 6-6 DIN |
| 10 | 6.5 | 4.5 | 6.0 | 10 | 8.5 | 7.5 | 8.0 | 35 | 10-6 DIN |
| | 8.5 | 4.5 | 6.0 | 10 | 8.5 | 10.0 | 10.0 | 37 | 10-8 DIN |
| 16 | 6.5 | 5.5 | 8.5 | 20 | 12 | 7.5 | 8.0 | 43 | 16-6 DIN |
| | 8.4 | 5.5 | 8.5 | 20 | 12 | 10.0 | 10.0 | 45 | 16-8 DIN |
| | 10.5 | 5.5 | 8.5 | 20 | 17 | 12.0 | 12.0 | 49 | 16-10 DIN |
| | 13.0 | 5.5 | 8.5 | 20 | 19 | 13.0 | 13.0 | 50 | 16-12 DIN |
| 25 | 6.5 | 7.0 | 10.0 | 20 | 15 | 7.5 | 8.0 | 47 | 25-6 DIN |
| | 8.4 | 7.0 | 10.0 | 20 | 15 | 10.0 | 10.0 | 49 | 25-8 DIN |
| | 10.5 | 7.0 | 10.0 | 20 | 17 | 12.0 | 12.0 | 51 | 25-10 DIN |
| | 13.0 | 7.0 | 10.0 | 20 | 19 | 13.0 | 13.0 | 52 | 25-13 DIN |
| 35 | 8.4 | 8.2 | 12.5 | 20 | 17 | 7.5 | 8.0 | 50 | 35-8 DIN |
| | 10.5 | 8.2 | 12.5 | 20 | 19 | 10.0 | 10.0 | 52 | 35-10 DIN |
| | 13.0 | 8.2 | 12.5 | 20 | 21 | 12.0 | 12.0 | 54 | 35-12 DIN |
| 50 | 8.4 | 10.0 | 14.5 | 28 | 22 | 10.0 | 10.0 | 61 | 50-8 DIN |
| | 10.5 | 10.0 | 14.5 | 28 | 22 | 12.0 | 12.0 | 63 | 50-10 DIN |
| | 13.0 | 10.0 | 14.5 | 28 | 23 | 13.0 | 13.0 | 64 | 50-12 DIN |
| | 17.0 | 10.0 | 14.5 | 28 | 28 | 14.5 | 14.5 | 66 | 50-16 DIN |
| 70 | 10.5 | 11.5 | 16.5 | 28 | 24 | 10.0 | 10.0 | 64 | 70-10 DIN |
| | 13.0 | 11.5 | 16.5 | 28 | 24 | 12.0 | 12.0 | 66 | 70-12 DIN |
| | 17.0 | 11.5 | 16.5 | 28 | 32 | 13.0 | 13.0 | 67 | 70-16 DIN |
| | 21.0 | 11.5 | 16.5 | 28 | 32 | 14.5 | 14.5 | 69 | 70-20 DIN |
| 95 | 10.5 | 13.5 | 19.0 | 35 | 28 | 12.0 | 12.0 | 76 | 95-10 DIN |
| | 13.0 | 13.5 | 19.0 | 35 | 28 | 12.0 | 12.0 | 76 | 95-12 DIN |
| | 17.0 | 13.5 | 19.0 | 35 | 32 | 13.0 | 13.0 | 80 | 95-16 DIN |
| | 21.0 | 13.5 | 19.0 | 35 | 34 | 14.5 | 14.5 | 82 | 95-20 DIN |
| 120 | 10.5 | 15.5 | 21.0 | 35 | 32 | 18.0 | 16.0 | 83 | 120-10 DIN |
| | 13.0 | 15.5 | 21.0 | 35 | 32 | 19.0 | 17.0 | 84 | 120-12 DIN |
| | 17.0 | 15.5 | 21.0 | 35 | 32 | 15.0 | 19.0 | 87 | 120-16 DIN |
| | 21.0 | 15.5 | 21.0 | 35 | 32 | 16.0 | 20.0 | 88 | 120-20 DIN |
| 150 | 10.5 | 17.0 | 23.5 | 35 | 34 | 15.0 | 16.0 | 92 | 150-10 DIN |
| | 13.0 | 17.0 | 23.5 | 35 | 34 | 16.0 | 17.0 | 93 | 150-12 DIN |
| | 17.0 | 17.0 | 23.5 | 35 | 34 | 19.0 | 20.0 | 96 | 150-16 DIN |
| | 21.0 | 17.0 | 23.5 | 35 | 40 | 16.0 | 20.0 | 96 | 150-20 DIN |
| 185 | 10.5 | 19.0 | 25.5 | 40 | 37 | 15.0 | 16.0 | 96 | 185-10 DIN |
| | 13.0 | 19.0 | 25.5 | 40 | 37 | 16.0 | 17.0 | 97 | 185-12 DIN |
| | 17.0 | 19.0 | 25.5 | 40 | 37 | 19.0 | 20.0 | 100 | 185-16 DIN |
| | 21.0 | 19.0 | 25.5 | 40 | 40 | 19.0 | 20.0 | 100 | 185-20 DIN |
| 240 | 10.5 | 21.5 | 29.0 | 40 | 42 | 15.0 | 16.0 | 106 | 240-10 DIN |
| | 13.0 | 21.5 | 29.0 | 40 | 42 | 16.0 | 17.0 | 107 | 240-12 DIN |
| | 17.0 | 21.5 | 29.0 | 40 | 42 | 19.0 | 20.0 | 110 | 240-16 DIN |
| | 21.0 | 21.5 | 29.0 | 40 | 46 | 21.0 | 20.0 | 112 | 240-20 DIN |
| 300 | 13.0 | 24.0 | 32.0 | 50 | 48 | 19.0 | 22.0 | 119 | 300-12 DIN |
| | 17.0 | 24.0 | 32.0 | 50 | 48 | 19.0 | 22.0 | 119 | 300-16 DIN |
| | 21.0 | 24.0 | 32.0 | 50 | 48 | 21.0 | 22.0 | 121 | 300-20 DIN |
| 400 | 17.0 | 27.5 | 38.5 | 70 | 55 | 25.0 | 25.0 | 140 | 400-16 DIN |
| | 21.0 | 27.5 | 38.5 | 70 | 55 | 25.0 | 25.0 | 140 | 400-20 DIN |
| 500 | 21.0 | 31.0 | 42.0 | 70 | 60 | 25.0 | 25.0 | 152 | 500-20 DIN |
| 625 | 21.0 | 34.5 | 44.0 | 80 | 60 | 25.0 | 25.0 | 160 | 652-20 DIN |

*kam*® connectors are designed for jointing low voltage conductors. Made of electrolytic copper tube having the same dimension as CT series lugs, Braco connectors are annealed and electrolytic ally tin plated. They feature an internal taper at both ends to ease the introduction of conductor and a dimple (if required) to ensure correct positioning. These connectors can also be provided with insulation. Tinning on connectors provides better finish, avoids oxidisation and achieves maximum corrossion protection

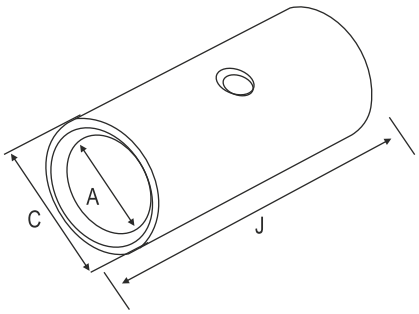
## COPPER TUBE IN-LINE CONNECTORS

### (Short Barrel)

| Braco Cat. No. | Size Sq. mm. | Dimensions | | |
|---|---|---|---|---|
| | | d1 | d3 | J |
| ILC-453 | 1.5 | 1.6 | 3.2 | 15.0 |
| ILC-454 | 2.5 | 2.4 | 4.0 | 15.0 |
| ILC-3 | 4 | 3.1 | 4.8 | 15.0 |
| ILC-4 | 6 | 3.8 | 5.5 | 15.0 |
| ILC-460 | 10 | 4.5 | 6.2 | 20.0 |
| ILC-6 | 16 | 5.4 | 7.1 | 20.0 |
| ILC-24 | 25 | 6.8 | 8.8 | 32.0 |
| ILC-25 | 35 | 8.2 | 10.6 | 36.0 |
| ILC-26 | 50 | 9.5 | 12.4 | 40.0 |
| ILC-51 | 70 | 11.2 | 14.7 | 40.0 |
| ILC-52 | 95 | 13.5 | 17.4 | 45.0 |
| ILC-53 | 120 | 15.0 | 19.4 | 45.0 |
| ILC-54 | 150 | 16.5 | 21.2 | 55.0 |
| ILC-55 | 185 | 18.5 | 23.5 | 65.0 |
| ILC-56 | 240 | 21.0 | 26.8 | 80.0 |
| ILC-57 | 300 | 23.5 | 30.0 | 85.0 |
| ILC-58 | 400 | 26.8 | 34.8 | 90.0 |
| ILC-59 | 500 | 30.0 | 39.0 | 100.0 |
| ILC-61 | 630 | 35.0 | 45.0 | 110.0 |
| ILC-62 | 800 | 39.0 | 50.6 | 150.0 |
| ILC-63 | 1000 | 43.0 | 56.2 | 170.0 |

### (Long Barrel)

| Braco Cat. No. | Size Sq. mm. | Dimensions | | |
|---|---|---|---|---|
| | | d1 | d3 | J |
| ILC-41 | 1.5 | 1.6 | 3.2 | 22.0 |
| ILC-42 | 2.5 | 2.4 | 4.0 | 22.0 |
| ILC-43 | 4 | 3.1 | 4.8 | 22.0 |
| ILC-44 | 6 | 3.8 | 5.5 | 22.0 |
| ILC-45 | 10 | 4.5 | 6.2 | 22.0 |
| ILC-46 | 16 | 5.4 | 7.1 | 35.0 |
| ILC-47 | 25 | 6.8 | 8.8 | 47.0 |
| ILC-48 | 35 | 8.2 | 10.6 | 45.0 |
| ILC-49 | 50 | 9.5 | 12.4 | 50.0 |
| ILC-27 | 70 | 11.2 | 14.7 | 50.0 |
| ILC-28 | 95 | 13.5 | 17.4 | 60.0 |
| ILC-29 | 120 | 15.0 | 19.4 | 65.0 |
| ILC-30 | 150 | 16.5 | 21.2 | 70.0 |
| ILC-31 | 185 | 18.5 | 23.5 | 75.0 |
| ILC-32 | 240 | 21.0 | 26.8 | 89.0 |
| ILC-33 | 300 | 23.5 | 30.0 | 95.0 |
| ILC-34 | 400 | 26.8 | 34.8 | 110.0 |
| ILC-35 | 500 | 30.0 | 39.0 | 117.0 |
| ILC-36 | 630 | 35.0 | 45.0 | 120.0 |



Kam® Copper Crimping Reducer Terminals are used to terminate one or more Aluminium conductors to a smaller termination area. These type of terminals are applicable in tunnel type terminal blocks viz. fuse gears, cut-outs, meters etc. Kam® is able to produce any Copper Reducing Link that you may require. The presence of copper at termination end ensures high current carrying capacity at smaller surface area. Tinning avoids oxidisation and provides maximum corrosion protection.

## COPPER CRIMPING REDUCER TERMINALS FOR ALUMINIUM CONDUCTOR

### Material : Copper BS 1977
### Finish : Electro Tinned

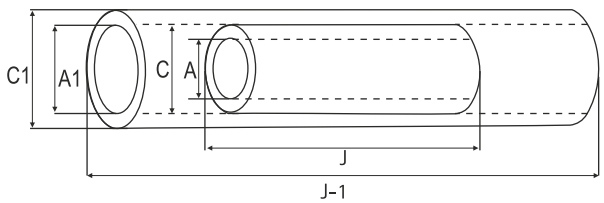
| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | D | D-1 | B | J | |
| 2.5 | 2.5 | 4.7 | 4.5 | 4.0 | 6 | 20 | WPC - 1 |
| | 2.5 | 4.7 | 3.8 | 3.3 | 6 | 20 | WPC - 7 |
| 4 | 2.8 | 4.7 | 4.5 | 4.0 | 6 | 20 | WPC - 15 |
| | 2.8 | 4.7 | 3.8 | 3.3 | 6 | 20 | WPC - 16 |
| 6 | 3.1 | 4.7 | 4.5 | 4.0 | 6 | 20 | WPC - 17 |
| | 3.1 | 4.7 | 3.8 | 3.3 | 6 | 20 | WPC - 18 |
| 10 | 3.8 | 5.5 | 4.5 | 4.0 | 9 | 23 | WPC - 19 |
| | 3.8 | 5.5 | 3.8 | 3.3 | 9 | 23 | WPC - 20 |
| | 4.4 | 6.2 | 4.5 | 4.0 | 9 | 23 | WPC - 21 |
| | 4.4 | 6.2 | 3.8 | 3.3 | 9 | 23 | WPC - 22 |
| 16 | 5.3 | 7.1 | 6.0 | 5.5 | 12 | 32 | WPC - 23 |
| | 5.3 | 7.1 | 6.0 | 5.5 | 12 | 37 | WPC - 24 |
| | 5.3 | 7.1 | 3.8 | 3.3 | 12 | 30 | WPC - 2 |
| 25 | 7.0 | 9.0 | 6.0 | 5.5 | 12 | 32 | WPC - 25 |
| | 7.0 | 9.0 | 7.5 | 6.5 | 12 | 37 | WPC - 3 |
| 35 | 8.0 | 10.0 | 7.5 | 6.5 | 12 | 37 | WPC - 4 |
| 50 | 9.2 | 11.2 | 7.5 | 6.5 | 16 | 41 | WPC - 26 |
| | 10.4 | 14.0 | 14.0 | 13.0 | 18 | 49 | WPC - 5 |

## COPPER IN-LINE CONNECTORS

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | J | A1 | C1 | J1 | |
| 1.5 | 1.6 | 3.2 | 15 | 3.3 | 4.9 | 25 | ILCI - 63 |
| 2.5 | 2.4 | 4.0 | 15 | 4.1 | 5.5 | 25 | ILCI - 64 |
| 4.5 | 3.5 | 5.5 | 15 | 5.6 | 7.2 | 27 | ILCI - 65 |

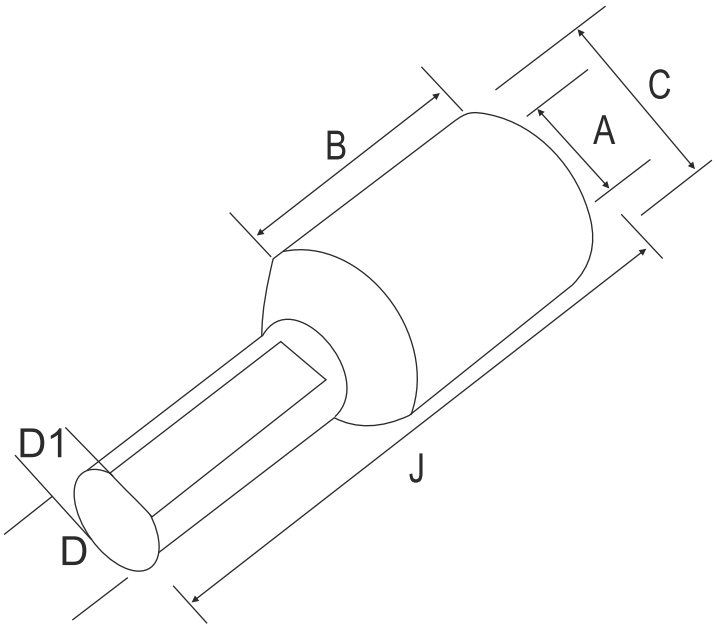
Colour Coding Insulated Terminals:

1.5 2.5 4.6



# COPPER CRIMPING REDUCER TERMINALS FOR ALUMINIUM CONDUCTOR

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | D | D-1 | B | J | |
| 70 | 11.5 | 13.8 | 7.5 | 6.5 | 18 | 43 | WPC - 27 |
| | 11.5 | 13.8 | 11.5 | 10.5 | 18 | 48 | WPC - 6 |
| | 11.5 | 13.8 | 11.5 | 10.5 | 18 | 55 | WPC - 28 |
| 95 | 12.8 | 15.6 | 11.5 | 10.5 | 20 | 51 | WPC - 29 |
| | 12.8 | 15.6 | 7.5 | 6.5 | 20 | 48 | WPC - 31 |
| | 12.8 | 15.6 | 12.8 | 11.8 | 20 | 58 | WPC - 32 |
| 120 | 14.8 | 17.8 | 7.5 | 6.5 | 22 | 50 | WPC - 34 |
| | 14.8 | 17.8 | 11.5 | 10.5 | 22 | 60 | WPC - 35 |
| 150 | 16.0 | 19.6 | 15.6 | 14.0 | 26 | 64 | WPC - 10 |
| | 16.0 | 19.6 | 11.5 | 10.5 | 26 | 64 | WPC - 37 |
| 185 | 18.0 | 22.0 | 15.6 | 14.0 | 32 | 70 | WPC - 30 |
| | 18.0 | 22.0 | 11.5 | 10.5 | 32 | 70 | WPC - 38 |
| 225 | 20.0 | 26.0 | 15.6 | 14.0 | 38 | 78 | WPC - 39 |
| 240 | 22.0 | 26.0 | 16.0 | 15.0 | 38 | 88 | WPC - 44 |
| | 22.0 | 26.0 | 16.0 | 14.0 | 38 | 78 | WPC - 43 |
| 300 | 24.0 | 28.7 | 16.0 | 15.0 | 42 | 92 | WPC - 45 |
| | 24.0 | 28.7 | 16.0 | 14.0 | 42 | 82 | WPC - 47 |
| 400 | 27.0 | 33.2 | 16.0 | 14.0 | 46 | 90 | WPC - 101 |

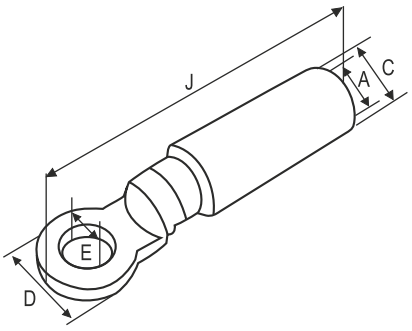


Kamp® Bi-metallic terminals for aluminium conductor are manufactured from solid materials by friction welding. This method means that aluminium and Copper join through the heat, which develops when aluminium rotates against copper under pressure. This is a superior method to give a complete connection between Aluminium and Copper. Barrels are caped and filled with grease so as to avoid oxidisation of the aluminium.

## BI-METALLIC TERMINALS

### Material : Aluminium 99.5, E Copper
### Surface : Bright

| SIZE Sq.mm. | Dimension | | | | | | CAT NO. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 10 | 8.2 | 4.5 | 16 | 21 | 42 | 80 | BMT-10 |
| 16 | 13 | 5.5 | 16 | 21 | 42 | 80 | BMT-16 |
| 25 | 13 | 6.8 | 16 | 21 | 42 | 80 | BMT-25 |
| 35 | 13 | 8 | 17 | 22 | 42 | 80 | BMT-35 |
| 50 | 13 | 9.5 | 20 | 24 | 43 | 92 | BMT-50 |
| 70 | 13 | 11.5 | 20 | 24 | 43 | 92 | BMT-70 |
| 95 | 13 | 13.5 | 20 | 24 | 43 | 92 | BMT-95 |
| 120 | 13 | 15 | 25.5 | 30 | 56 | 112 | BMT-120 |
| 150 | 13 | 16.5 | 25.5 | 30 | 56 | 112 | BMT-150 |
| 185 | 13 | 18.5 | 30 | 30 | 60 | 117 | BMT-185 |
| 240 | 13 | 21 | 32 | 32 | 65 | 120 | BMT-240 |
| 300 | 13 | 24.5 | 35 | 33 | 70 | 130 | BMT-300 |
| 400 | 13 | 27 | 40 | 36 | 80 | 152 | BMT-400 |
| 500 | 13 | 30 | 40 | 36 | 80 | 152 | BMT-500 |
| 630 | 13 | 34 | 46 | 36 | 70 | 146 | BMT-630 |
| 800 | 13 | 39 | 54 | 50 | 115 | 230 | BMT-800 |
| 1000 | 13 | 43 | 58 | 50 | 115 | 230 | BMT-1000 |

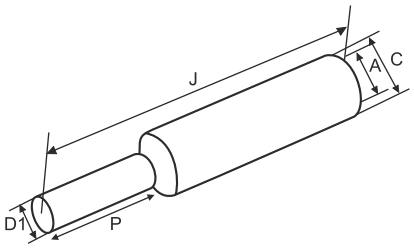


Kam® Bi-metallic Connectors are made from aluminium purity equal to or greater than 99.5 %. The barrel is friction welded to the pin thus achieving the best possible transition between the copper pin and aluminium barrel.
Barrels are capped and filled with grease so as to avoid oxidisation of the aluminium.

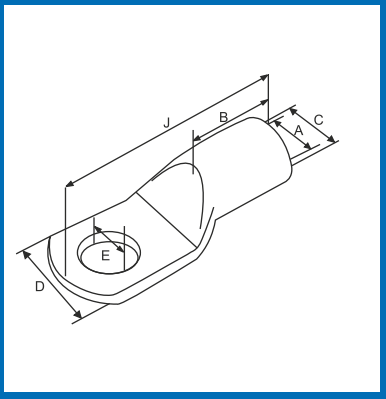
## BI-METALLIC PIN TERMINALS

### Material : Aluminium 99.5; E Copper
### Surface : Bright

| SIZE Sq.mm. | Dimension | | | | | CAT NO. |
|---|---|---|---|---|---|---|
| | A | C | D-1 | P | J | |
| 16 | 5.5 | 16 | 8 | 30 | 82 | BMT-16 |
| 25 | 6.5 | 16 | 8 | 30 | 82 | BMT-25 |
| 35 | 8.0 | 16 | 8 | 30 | 82 | BMT-35 |
| 50 | 9.0 | 20 | 12 | 45 | 97 | BMT-50 |
| 70 | 11.0 | 20 | 12 | 45 | 97 | BMT-70 |
| 95 | 12.5 | 20 | 12 | 45 | 97 | BMT-95 |
| 120 | 13.7 | 25 | 14 | 55 | 125 | BMT-120 |
| 150 | 15.5 | 25 | 14 | 55 | 125 | BMT-150 |
| 185 | 17.0 | 32 | 14 | 55 | 125 | BMT-185 |
| 240 | 19.5 | 32 | 14 | 55 | 125 | BMT-240 |



Kamp® Aluminium Crimping Terminals are manufactured out of tubes of purity equal to or greater than 99.5%, having maximum conductivity not less than 60% IACS and are designed as per IS 8309 1993 These are used for terminating all sizes of cables to terminate electrical switching equipments. The absence of an inspection hole prevents the entry of water or moisture into crimped joints making them suitable for outdoor applications.

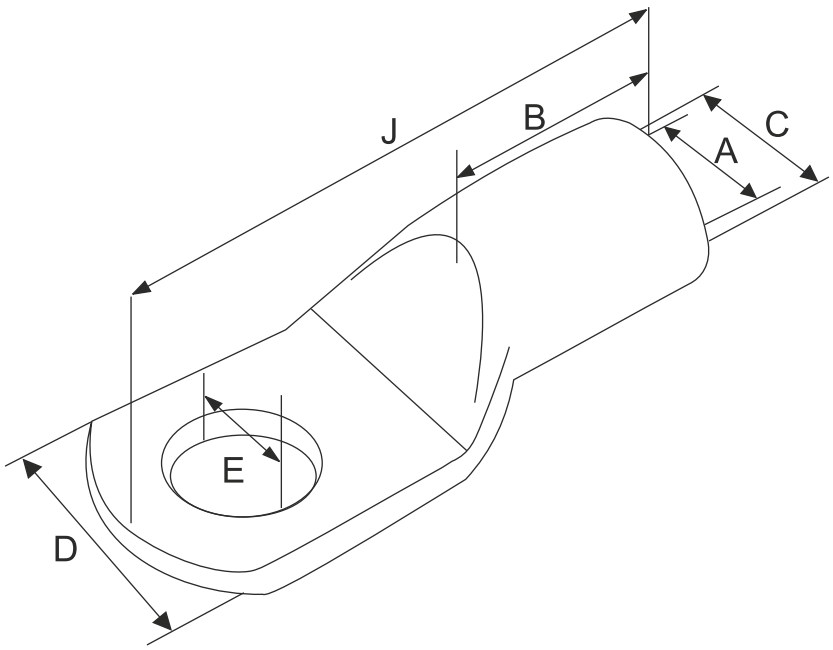



# ALUMINIUM CRIMPING TERMINALS

## Material : Aluminium IS: 5082 :1981

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 2.5 | 3.2 | 2.0 | 5.5 | 7 | 7 | 18 | AT-151 |
| | 3.7 | 2.6 | 5.5 | 7 | 7 | 18 | AT-309 |
| 4 | 4.2 | 2.9 | 5.5 | 7 | 7 | 18 | AT-155 |
| | 5.2 | 2.9 | 5.5 | 9 | 7 | 24 | AT-317 |
| 6 | 5.2 | 3.5 | 5.5 | 8 | 7 | 24 | AT-158 |
| | 6.4 | 3.5 | 5.5 | 11 | 7 | 24 | AT-313 |
| 10 | 6.4 | 4.4 | 7.4 | 11 | 9 | 30 | AT-214 |
| | 8.2 | 4.4 | 7.4 | 13 | 9 | 30 | AT-215 |
| 16 | 6.4 | 5.4 | 8.3 | 11 | 13 | 37 | AT-252 |
| | 8.2 | 5.4 | 8.3 | 12 | 13 | 37 | AT-216 |
| | 10.2 | 5.4 | 8.3 | 15 | 13 | 37 | AT-217 |
| 25 | 6.4 | 7.0 | 9.7 | 14 | 16 | 44 | AT-253 |
| | 8.2 | 7.0 | 9.7 | 14 | 16 | 44 | AT-218 |
| | 10.2 | 7.0 | 9.7 | 17 | 16 | 44 | AT-219 |
| | 12.7 | 7.0 | 9.7 | 18 | 16 | 44 | AT-220 |
| 35 | 6.4 | 8.0 | 10.8 | 15 | 18 | 47 | AT-254 |
| | 8.2 | 8.0 | 10.8 | 15 | 18 | 47 | AT-221 |
| | 10.2 | 8.0 | 10.8 | 17 | 18 | 47 | AT-222 |
| 50 | 8.2 | 9.3 | 13 | 18 | 22 | 54 | AT-255 |
| | 10.2 | 9.3 | 13 | 18 | 22 | 54 | AT-312 |
| | 12.7 | 9.3 | 13 | 18 | 22 | 54 | AT-224 |
| 70 | 8.2 | 11.1 | 15.4 | 22 | 26 | 60 | AT-256 |
| | 10.2 | 11.1 | 15.4 | 22 | 26 | 60 | AT-225 |
| | 12.7 | 11.1 | 15.4 | 22 | 26 | 60 | AT-226 |

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 95 | 10.2 | 13.5 | 17.3 | 25 | 28 | 64 | AT-227 |
| | 12.7 | 13.5 | 17.3 | 25 | 28 | 64 | AT-228 |
| | 16.2 | 13.5 | 17.3 | 25 | 28 | 64 | AT-229 |
| 120 | 10.2 | 14.8 | 19.6 | 28 | 32 | 73 | AT-257 |
| | 12.7 | 14.8 | 19.6 | 28 | 32 | 73 | AT-230 |
| | 16.2 | 14.8 | 19.6 | 28 | 32 | 73 | AT-231 |
| 150 | 10.2 | 16.6 | 21.4 | 31 | 34 | 79 | AT-258 |
| | 12.7 | 16.6 | 21.4 | 31 | 34 | 79 | AT-232 |
| | 16.2 | 16.6 | 21.4 | 31 | 34 | 79 | AT-233 |
| 185 | 10.2 | 18.5 | 24 | 34 | 36 | 84 | AT-311 |
| | 12.7 | 18.5 | 24 | 34 | 36 | 84 | AT-234 |
| | 16.2 | 18.5 | 24 | 34 | 36 | 84 | AT-235 |
| 225 | 12.7 | 20.6 | 27 | 39 | 40 | 94 | AT-320 |
| 240 | 12.7 | 22 | 28 | 40 | 44 | 102 | AT-236 |
| | 16.2 | 22 | 28 | 40 | 44 | 102 | AT-237 |
| | 20.3 | 22 | 28 | 40 | 44 | 102 | AT-238 |
| 300 | 16.2 | 24 | 31 | 44 | 47 | 115 | AT-300 |
| | 20.3 | 24 | 31 | 44 | 47 | 115 | AT-259 |
| 400 | 20.3 | 26.8 | 35.5 | 51 | 56 | 130 | AT-260 |
| 500 | 20.3 | 30.2 | 41 | 58 | 60 | 140 | AT-296 |
| 630 | 20.3 | 35 | 46 | 66 | 69 | 154 | AT-261 |
| 800 | - | 39 | 51 | 73 | 77 | 180 | AT-318 |
| 1000 | - | 43.5 | 57 | 81 | 100 | 220 | AT-319 |

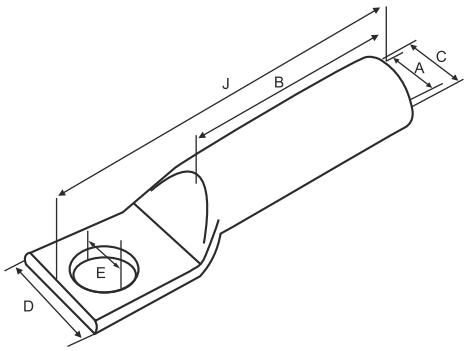


Kamm® AT - XL type of terminals are manufactured out of tubes of purity equal to or greater than 99.5% having maximum conductivity not less than 60% IACS and are suitable for high voltage application where termination of XLPE cable is required.

## ALUMINIUM TUBE TERMINALS FOR AL-XLPE CONDUCTORS

### Material : Aluminium IS :5082 :1981

| Size Sq. mm | Dimensions | | | | | | | Code No. |
|---|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | G+H | J | |
| 25 | 8.2 | 7.2 | 9.6 | 14 | 41 | 21 | 69 | AT - XL 17 |
| 35 | 8.2 | 8.3 | 11.1 | 16 | 50 | 22 | 79 | AT - XL 18 |
| 50 | 10.2 | 9.3 | 13.5 | 19.5 | 49 | 24 | 81 | AT - XL 19 |
| 70 | 10.2 | 10.2 | 14.5 | 20.5 | 62 | 26 | 96 | AT - XL 20 |
| 95 | 12.7 | 12.0 | 16.6 | 23.5 | 73 | 28 | 109 | AT - XL 21 |
| 120 | 12.7 | 13.7 | 19.0 | 26.5 | 73 | 30 | 114 | AT - XL 22 |
| 150 | 12.7 | 15.1 | 21.1 | 29.5 | 83 | 34 | 128 | AT - XL 23 |
| 185 | 12.7 | 16.6 | 23.9 | 33.0 | 83 | 36 | 131 | AT - XL 24 |
| 225 | 12.7 | 18.6 | 26.1 | 36.0 | 86 | 40 | 140 | AT - XL 25 |
| 240 | 12.7 | 19.3 | 27.2 | 37.5 | 86 | 44 | 144 | AT - XL 26 |
| 300 | 20.3 | 21.8 | 30.2 | 42.0 | 89 | 54 | 157 | AT - XL 27 |
| 400 | 20.3 | 25.0 | 34.8 | 48.0 | 113 | 60 | 187 | AT - XL 28 |
| 500 | 20.3 | 28.2 | 39.1 | 54.0 | 125 | 64 | 205 | AT - XL 29 |
| 630 | 20.3 | 31.7 | 44.4 | 61.0 | 140 | 68 | 225 | AT - XL 30 |
| 800 | 20.3 | 35.7 | 49.5 | 68.0 | 147 | 78 | 250 | AT - XL 31 |
| 1000 | 20.3 | 41.0 | 56.0 | 77.5 | 160 | 90 | 280 | AT - XL 32 |



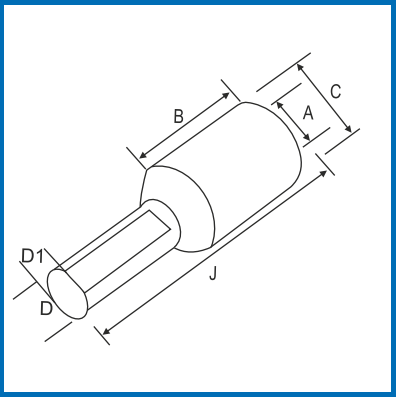
Kamm® Aluminium Crimping In-Line Connectors are made out of tubes of purity equal to or greater than 99.5% having maximum conductivity not less than 60% IACS and the designed as per IS 8309 1993. These connectors facilitate joining two identical size Aluminium conductors.

## ALUMINIUM CRIMPING CONNECTOR

### Material : Aluminium IS :5082 :1981

| Size Sq. mm | Dimensions | | | Code No. |
|---|---|---|---|---|
| | A | C | J | |
| 2.5 | 2.0 | 5.5 | 16 | ILA-145 |
| | 2.6 | 5.5 | 16 | ILA-6 |
| 4 | 2.9 | 5.5 | 16 | ILA-5 |
| 6 | 3.5 | 5.5 | 16 | ILA-13 |
| 10 | 4.4 | 7.4 | 20 | ILA-14 |
| | 3.8 | 6.2 | 20 | ILA-146 |
| 16 | 5.4 | 8.3 | 26 | ILA-4 |
| 25 | 7.0 | 9.7 | 35 | ILA-3 |
| 35 | 8.0 | 10.8 | 40 | ILA-2 |
| 50 | 9.3 | 13 | 45 | ILA-12 |
| 70 | 11.1 | 15.4 | 55 | ILA-1 |
| 95 | 13.5 | 17.3 | 60 | ILA-15 |
| 120 | 14.8 | 19.6 | 65 | ILA-9 |
| 150 | 16.6 | 21.4 | 70 | ILA-10 |
| 185 | 18.5 | 24 | 75 | ILA-11 |
| 225 | 20.6 | 27 | 85 | ILA-147 |
| 240 | 22.0 | 28 | 90 | ILA-16 |
| 300 | 24.0 | 31 | 100 | ILA-17 |
| 400 | 26.8 | 35.5 | 115 | ILA-18 |
| 500 | 30.2 | 41 | 125 | ILA-19 |
| 630 | 35.0 | 46 | 140 | ILA-20 |
| 800 | 39.0 | 51 | 160 | ILA-148 |
| 1000 | 43.5 | 57 | 210 | ILA-149 |

kamp® Aluminium Reducer Terminals are manufactured out of aluminium of purity equal to or greater than 99.5 % having maximum coductivity not less than 60% IACS. These are used to terminate one or more Aluminium conductors to a smaller termination area. kamp® is able to produce any Aluminium Reducing Link that you may require.

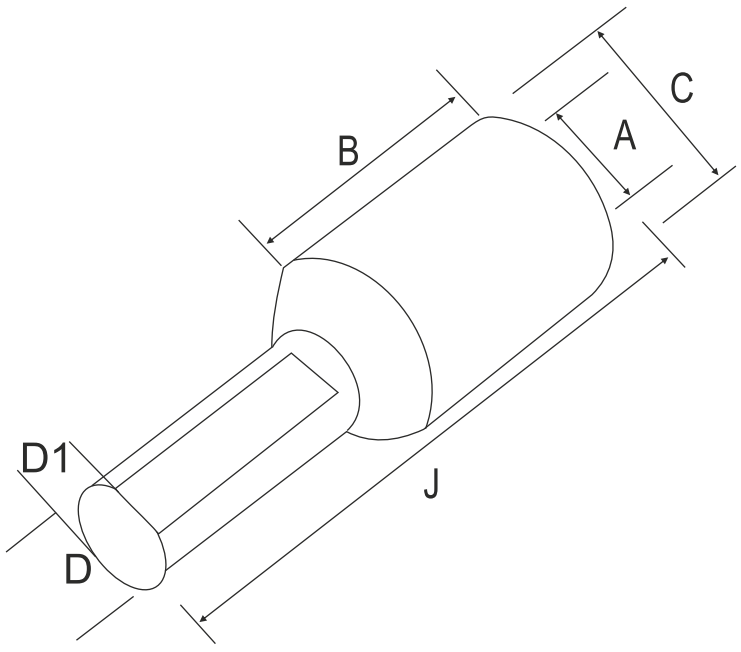



## ALUMINIUM CRIMPING REDUCER TERMINALS FOR ALUMINIUM CONDUCTOR

### Material : Aluminium IS :5082 :1981

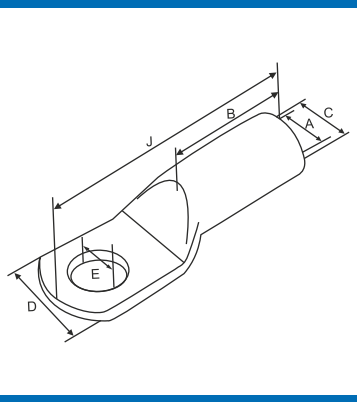
| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | D | D-1 | B | J | |
| 2.5 | 2.6 | 5.5 | 4.5 | 4.0 | 7 | 21 | WPA - 1 |
| | 2.6 | 5.5 | 3.5 | 3.3 | 7 | 21 | WPA - 7 |
| 4 | 2.9 | 5.5 | 4.5 | 4.0 | 7 | 21 | WPA - 15 |
| | 2.9 | 5.5 | 3.8 | 3.3 | 7 | 21 | WPA - 16 |
| 6 | 3.5 | 5.5 | 4.5 | 4.0 | 7 | 21 | WPA - 17 |
| | 3.5 | 5.5 | 3.8 | 3.3 | 7 | 21 | WPA - 18 |
| 10 | 3.8 | 7.4 | 4.5 | 4.0 | 9 | 23 | WPA - 19 |
| | 3.8 | 7.4 | 3.8 | 3.3 | 9 | 23 | WPA - 20 |
| | 4.4 | 7.4 | 4.5 | 4.0 | 9 | 23 | WPA - 21 |
| | 4.4 | 7.4 | 3.8 | 3.3 | 9 | 23 | WPA - 22 |
| 16 | 5.4 | 8.3 | 6.0 | 5.5 | 13 | 33 | WPA - 23 |
| | 5.4 | 8.3 | 6.0 | 5.5 | 13 | 38 | WPA - 24 |
| | 5.4 | 8.3 | 3.8 | 3.3 | 13 | 31 | WPA - 2 |
| 25 | 7.0 | 10.0 | 6.0 | 5.5 | 16 | 36 | WPA - 25 |
| | 7.0 | 10.0 | 7.5 | 6.5 | 16 | 41 | WPA - 3 |
| 35 | 8.0 | 10.8 | 7.5 | 6.5 | 18 | 43 | WPA - 4 |
| 50 | 9.3 | 13.0 | 7.5 | 6.5 | 22 | 47 | WPA - 26 |
| | 10.4 | 14.0 | 14.0 | 13.0 | 22 | 53 | WPA - 5 |
| 70 | 11.6 | 16.0 | 7.5 | 6.5 | 26 | 51 | WPA - 27 |
| | 11.6 | 16.0 | 11.5 | 10.5 | 26 | 56 | WPA - 6 |
| | 11.6 | 16.0 | 11.5 | 10.5 | 26 | 63 | WPA - 28 |

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | A | C | D | D-1 | B | J | |
| 95 | 12.9 | 17.1 | 11.5 | 10.5 | 28 | 59 | WPA - 29 |
| | 12.9 | 17.1 | 15.6 | 14.0 | 28 | 61 | WPA - 8 |
| | 12.9 | 17.1 | 7.5 | 6.5 | 28 | 56 | WPA - 31 |
| | 12.9 | 17.1 | 12.8 | 11.8 | 28 | 66 | WPA - 32 |
| 120 | 14.8 | 19.6 | 11.5 | 10.5 | 32 | 63 | WPA - 33 |
| | 14.8 | 19.6 | 7.5 | 6.5 | 32 | 60 | WPA - 34 |
| | 14.8 | 19.6 | 11.5 | 10.5 | 32 | 70 | WPA - 35 |
| | 14.8 | 19.6 | 15.6 | 14.0 | 32 | 70 | WPA - 36 |
| 150 | 16.1 | 21.2 | 15.6 | 14.0 | 34 | 72 | WPA - 10 |
| | 16.1 | 21.2 | 15.6 | 14.0 | 34 | 72 | WPA - 37 |
| 185 | 18.0 | 23.7 | 15.6 | 14.0 | 36 | 74 | WPA - 30 |
| | 18.0 | 23.7 | 11.5 | 10.5 | 36 | 74 | WPA - 38 |
| | 20.6 | 27.0 | 15.6 | 14.0 | 40 | 80 | WPA - 39 |
| | 20.6 | 27.0 | 21.0 | 18.0 | 40 | 90 | WPA - 46 |
| | 20.6 | 27.0 | 16.0 | 15.0 | 40 | 90 | WPA - 42 |
| 240 | 22.0 | 28.0 | 16.0 | 15.0 | 44 | 94 | WPA - 44 |
| | 22.0 | 28.0 | 15.6 | 14.0 | 44 | 84 | WPA - 43 |
| 300 | 24.0 | 31.0 | 16.0 | 15.0 | 47 | 94 | WPA - 45 |
| | 24.0 | 31.0 | 15.6 | 14.0 | 47 | 84 | WPA - 47 |



Kamz® long barrel aluminium crimping terminals are manufactured out tubes drawn to the required sizes having minimum conductivity not less than 60% IACS and as per IS 158309 1993

These are used for terminating all sizes of cables to terminate electrical switching equipments. The increased barrel length ensures enhanced electrical and mechanical performance due to more number of crimps. The absence of inspection hole prevents the entry of water or moisture into crimped joints making them suitable for outdoor applications.




## LONG BARREL ALUMINIUM CRIMPING TERMINALS FOR ALUMINIUM CONDUCTOR

### Material : Aluminium IS :5082 :1981

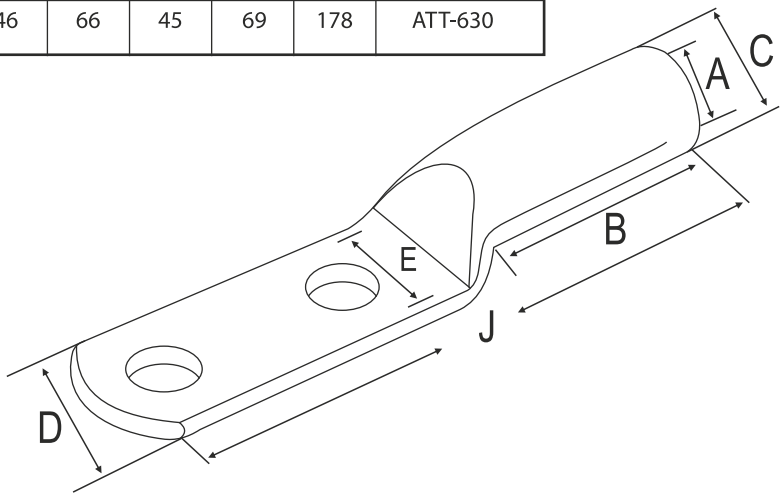
| CABLE SIZE MM2 | Dimensions | | | | | | CAT NO |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 2.5 | 3.2 | 2.0 | 5.5 | 7 | 10 | 21 | AT-551 |
| | 3.7 | 2.6 | 5.5 | 7 | 10 | 21 | AT-509 |
| 4 | 4.2 | 2.9 | 5.5 | 7 | 10 | 21 | AT-555 |
| | 5.2 | 2.9 | 5.5 | 9 | 10 | 27 | AT-617 |
| 6 | 5.2 | 3.5 | 5.5 | 8 | 10 | 27 | AT-558 |
| | 6.4 | 3.5 | 5.5 | 11 | 10 | 27 | AT-513 |
| 10 | 6.4 | 4.4 | 7.4 | 11 | 13 | 34 | AT-514 |
| | 8.2 | 4.4 | 7.4 | 13 | 13 | 34 | AT-515 |
| 16 | 6.4 | 5.4 | 8.3 | 11 | 20 | 44 | AT-552 |
| | 8.2 | 5.4 | 8.3 | 12 | 20 | 44 | AT-516 |
| | 10.2 | 5.4 | 8.3 | 15 | 20 | 44 | AT-517 |
| 25 | 8.2 | 7.0 | 9.7 | 14 | 24 | 52 | AT-518 |
| | 10.2 | 7.0 | 9.7 | 17 | 24 | 52 | AT-519 |
| | 12.7 | 7.0 | 9.7 | 18 | 24 | 52 | AT-520 |
| 35 | 8.2 | 8.0 | 10.8 | 15 | 27 | 56 | AT-521 |
| | 10.2 | 8.0 | 10.8 | 17 | 27 | 56 | AT-522 |
| 50 | 8.2 | 9.3 | 13 | 18 | 33 | 65 | AT-655 |
| | 10.2 | 9.3 | 13 | 18 | 33 | 65 | AT-512 |
| | 12.7 | 9.3 | 13 | 18 | 33 | 65 | AT-524 |
| 70 | 8.2 | 11.1 | 15.4 | 22 | 39 | 73 | AT-556 |
| | 10.2 | 11.1 | 15.4 | 22 | 39 | 73 | AT-525 |
| | 12.7 | 11.1 | 15.4 | 22 | 39 | 73 | AT-526 |
| 95 | 10.2 | 13.5 | 17.3 | 25 | 42 | 78 | AT-527 |
| | 12.7 | 13.5 | 17.3 | 25 | 42 | 78 | AT-528 |
| | 16.2 | 13.5 | 17.3 | 25 | 42 | 78 | AT-529 |
| 120 | 10.2 | 14.8 | 19.6 | 28 | 48 | 89 | AT-557 |
| | 12.7 | 14.8 | 19.6 | 28 | 48 | 89 | AT-530 |
| | 16.2 | 14.8 | 19.6 | 28 | 48 | 89 | AT-531 |
| 150 | 10.2 | 16.6 | 21.4 | 31 | 51 | 96 | AT-658 |
| | 12.7 | 16.6 | 21.4 | 31 | 51 | 96 | AT-532 |
| | 16.2 | 16.6 | 21.4 | 31 | 51 | 96 | AT-533 |
| 185 | 10.2 | 18.5 | 24 | 34 | 54 | 102 | AT-511 |
| | 12.7 | 18.5 | 24 | 34 | 54 | 102 | AT-534 |
| | 16.2 | 18.5 | 24 | 34 | 54 | 102 | AT-535 |
| 225 | 12.7 | 20.6 | 27 | 39 | 60 | 114 | AT-620 |
| 240 | 12.7 | 22 | 28 | 40 | 66 | 124 | AT-536 |
| | 16.2 | 22 | 28 | 40 | 66 | 124 | AT-537 |
| 300 | 16.2 | 24 | 31 | 44 | 70 | 138 | AT-500 |
| | 20.3 | 24 | 31 | 44 | 70 | 138 | AT-559 |
| 400 | 20.3 | 26.8 | 35.5 | 51 | 84 | 158 | AT-560 |
| 500 | 20.3 | 30.2 | 41 | 58 | 90 | 170 | AT-596 |
| 630 | 20.3 | 35 | 46 | 66 | 104 | 188 | AT-561 |
| 800 | - | 39 | 51 | 73 | 115 | 218 | AT-618 |
| 1000 | - | 43.5 | 57 | 81 | 150 | 270 | AT-619 |

Kam® double hole Aluminium crimping terminals which are also known as "Non Rotating Terminals" are manufactured out of tubes drawn to the required sizes having minimum conductivity not less than 60% IACS . The increased barrel length ensures enhanced electrical and mechanical performance due to more number of crimps. Two holes ensures non-rotation in the equipments such as transformers, moving equipments where vibration is critical. The holes can be punched as per requirement.

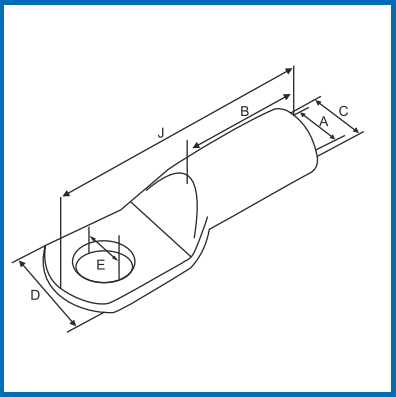
## DOUBLE HOLE ALUMINIUM CRIMPING TERMINALS FOR ALUMINIUM CONDUCTORS

### Material : Aluminium IS :5082 :1981

| CABLE SIZE MM2 | Dimensions | | | | | | | CAT NO |
|---|---|---|---|---|---|---|---|---|
| | E | A | C | D | G | B | J | |
| 25 | 8.2 | 7.0 | 9.7 | 14 | 45 | 16 | 88 | ATT-25 |
| 35 | 8.2 | 8.0 | 10.8 | 15 | 45 | 18 | 90 | ATT-35 |
| 50 | 10.2 | 9.3 | 13 | 18 | 45 | 22 | 100 | ATT-50 |
| 70 | 10.2 | 11.1 | 15.4 | 22 | 45 | 26 | 103 | ATT-70 |
| 95 | 12.7 | 13.5 | 17.3 | 25 | 45 | 28 | 111 | ATT-95 |
| 120 | 12.7 | 14.8 | 19.6 | 28 | 45 | 32 | 118 | ATT-120 |
| 150 | 12.7 | 16.6 | 21.4 | 31 | 45 | 34 | 120 | ATT-150 |
| 185 | 12.7 | 18.5 | 24 | 34 | 45 | 36 | 123 | ATT-185 |
| 240 | 12.7 | 22 | 28 | 40 | 45 | 44 | 137 | ATT-240 |
| 300 | 16.2 | 24 | 31 | 45 | 45 | 47 | 147 | ATT-300 |
| 400 | 20.3 | 26.8 | 35.5 | 51 | 45 | 56 | 157 | ATT-400 |
| 500 | 20.3 | 30.2 | 41 | 58 | 45 | 60 | 167 | ATT-500 |
| 630 | 20.3 | 35 | 46 | 66 | 45 | 69 | 178 | ATT-630 |



Kam® Aluminium alloy tubular bi-metallic terminals are manufactured out of aluminium of purity equal to or greater than 99.5 % having maximum coductivity not less than 60% IACS. These are anti-corrosive and used for highly corrosive environment. The barrels are kept filled with grease so as to avoid oxidization of the Aluminium. These are designed to accept a variety of conductor forms especially low stranded compacted conductors.




These terminals are mainly used to terminate on copper bus bars. Whenever aluminium links terminated on to copper or copper based alloy terminals without suitable plating, results in the corrossion of the joint over a period leading to higher joint resistance.

Bi-metallic terminals are found most reliable and suitable for such connections.

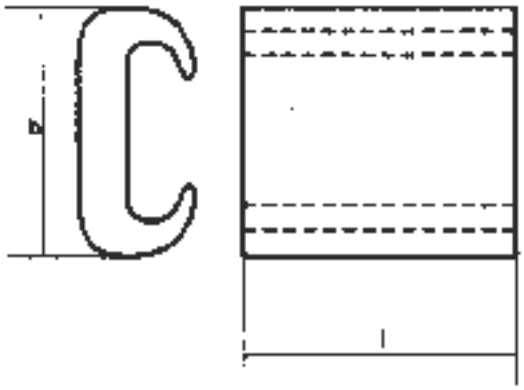
## ALUMINIUM ALLOY TUBULAR BIMETALLIC TERMINALS

### Material : Aluminium IS :5082 :1981

| Size Sq. mm | Dimensions | | | | | | Code No. |
|---|---|---|---|---|---|---|---|
| | E | A | C | D | B | J | |
| 10 | 6.4 | 4.4 | 7.4 | 11 | 9 | 30 | ATB-1 |
| | 8.2 | 4.4 | 7.4 | 13 | 9 | 30 | ATB-2 |
| 16 | 6.4 | 5.4 | 8.3 | 11 | 13 | 37 | ATB-3 |
| | 8.2 | 5.4 | 8.3 | 12 | 13 | 37 | ATB-4 |
| 25 | 8.2 | 7 | 9.7 | 14 | 16 | 44 | ATB-5 |
| | 10.2 | 7 | 9.7 | 17 | 16 | 44 | ATB-6 |
| 35 | 8.2 | 8 | 10.8 | 15 | 18 | 47 | ATB-7 |
| | 10.2 | 8 | 10.8 | 17 | 18 | 47 | ATB-8 |
| 50 | 8.2 | 9.3 | 13 | 18 | 22 | 54 | ATB-9 |
| | 10.2 | 9.3 | 13 | 18 | 22 | 54 | ATB-10 |
| 70 | 10.2 | 11.1 | 15.4 | 22 | 26 | 60 | ATB-11 |
| | 12.7 | 11.1 | 15.4 | 22 | 26 | 60 | ATB-12 |
| 95 | 10.2 | 13.5 | 17.3 | 25 | 28 | 64 | ATB-13 |
| | 12.7 | 13.5 | 17.3 | 25 | 28 | 64 | ATB-14 |
| 120 | 10.2 | 14.8 | 19.6 | 28 | 32 | 73 | ATB-15 |
| | 12.7 | 14.8 | 19.6 | 28 | 32 | 73 | ATB-16 |
| 150 | 12.7 | 16.6 | 21.4 | 31 | 34 | 79 | ATB-17 |
| | 16.2 | 16.6 | 21.4 | 31 | 34 | 79 | ATB-18 |
| 185 | 12.7 | 18.5 | 24 | 34 | 36 | 84 | ATB-19 |
| | 16.2 | 18.5 | 24 | 34 | 36 | 84 | ATB-20 |
| 225 | 12.7 | 20.6 | 27 | 39 | 40 | 94 | ATB-21 |
| 240 | 12.7 | 22 | 28 | 40 | 44 | 102 | ATB-22 |
| | 16.2 | 22 | 28 | 40 | 44 | 102 | ATB-23 |
| 300 | 16.2 | 24 | 31 | 45.7 | 47 | 115 | ATB-24 |
| | 20.3 | 24 | 31 | 45.7 | 47 | 115 | ATB-25 |
| 400 | 20.3 | 26.8 | 35.5 | 51 | 56 | 130 | ATB-26 |
| 500 | 20.3 | 30.2 | 41 | 58 | 60 | 140 | ATB-27 |
| 630 | 20.3 | 35 | 46 | 66 | 69 | 154 | ATB-28 |
| 800 | - | 39 | 51 | 73 | 77 | 180 | ATB-29 |
| 1000 | - | 43.5 | 57 | 81 | 100 | 220 | ATB-30 |

## C-Clamp

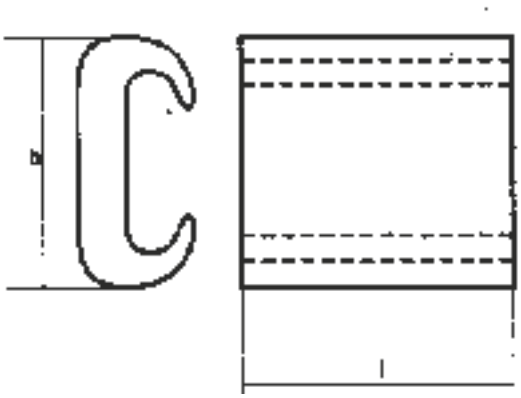
Material : E-copper
Surface : Tin plated
(Copper finish on request)




| Conductor Section mm² | Junction | Cat No. | dimensions mm b | l |
|---|---|---|---|---|
| *to connect equal cross-section sizes* | | | | |
| 16 / 25 | 16 / 25 | CC 16/25 | 16 | 15 |
| | | | | |
| 25 / 35 | 25 / 35 | CC 25/35 | 20 | 15 |
| | | | | |
| 35 / 50 | 35 / 50 | CC 35/50 | 26 | 22 |
| | | | | |
| 50 /-- | 50 / -- | CC50 | 28 | 23 |
| | | | | |
| 70 / -- | 70 / -- | CC 70 | 34 | 26 |

## C-Clamp

Material : E-copper
Surface : Tin plated
(Copper finish on request)




| Conductor Section mm² | Junction | Cat No. | dimensions mm b | l |
|---|---|---|---|---|
| *to connect equal cross-section sizes* | | | | |
| 2.5-4 / 2.5-4 | 2.5-4 / 2.5-4 | CX 2.5-4 | 10 | 8 |
| | | | | |
| 6-10 / 10 | 4-6 / 4-10 | CX 6-10 | 12 | 12 |
| | | | | |
| 10-16 / 16 | 4-10 / 4-10 | CX 10-16 | 19 | 17 |
| | | | | |
| 16-25 / 25 | 4-10 / 4-10 | CX 16-25 | 19 | 17 |
| | | | | |
| 16-25 / 25-35 | 16-25 / 26-35 | CX 16-25A | 20 | 17 |
| | | | | |
| 35 / 50 | 4-25 / 4-25 | CX 35 | 25 | 23 |
| | | | | |
| 35 / 50 | 16-35 / 25-50 | CX 35A | 27 | 23 |
| | | | | |
| 50-70 / -- | 4-35 / 4-35 | CX 50-70 | 34 | 28 |

## Copper split bolt connector, tin plated, type SBCT.

| Model | Length | Min. Tap with one max. Run | Range of Equal Run & tap Min. | Range of Equal Run & tap Max. | ROHS Compliant |
|---|---|---|---|---|---|
| **SBCT750-1** | 3.78 | 2/0 STR | 250 kcmil | 750 kcmil | Compliant |
| **SBCT1000-1** | 4.02 | 4/0 STR | 350 kcmil | 1000 kcmil | Compliant |
| **SBCT2-C** | 1.54 | #8 SOL | #8 SOL | #2 STR | Compliant |
| **SBCT500-1** | 3.00 | 1/0 STR | 3/0 STR | 500 kcmil | Compliant |
| **SBCT8-C** | 1.10 | #14 STR | #14 STR | #8 STR | Compliant |
| **SBCT2/0-Q** | 1.82 | #10 SOL | #6 STR | 2/0 STR | Compliant |
| **SBCT3-C** | 1.55 | #8 SOL | #8 SOL | #4 STR | Compliant |
| **SBCT3/0-Q** | 2.01 | #6 SOL | #4 STR | 3/0 STR | Compliant |
| **SBCT350-1** | 2.57 | #1 SOL | 3/0 STR | 350 kcmil | Compliant |
| **SBCT6-C** | 1.28 | #10 SOL | #10 STR | #6 STR | Compliant |
| **SBCT250-Q** | 1.37 | #4 STR | #4 STR | 250 kcmil | Compliant |
| **SBCT1/0-L** | 1.63 | #10 SOL | #6 SOL | 1/0 STR | Compliant |
| **SBCT10-C** | .87 | #16 STR | #16 STR | #10 STR | Compliant |

## Aluminum dual rated split bolt connector, type SBA

| Model | Inside Diam.(In) | Length | Min. Tap with one max. Run | Range of Equal Run & tap Min. | Range of Equal Run & tap Max. |
|---|---|---|---|---|---|
| **SBA350-1** | .70 | 3.24 | 350 kcmil – 350 kcmil | 350 kcmil – #4 STR | 1/0 STR (Compact) – #4 STR |
| **SBA1/0-Q** | .39 | 1.92 | 1/0 STR – 1/0 STR | 1/0 STR – #8 SOL | #2 STR (Compact) – #8 SOL |
| **SBA4/0-Q** | .54 | 2.54 | 4/0 STR – 4/0 STR | 4/0 STR – #6 STR | #2 STR (Compact) – #6 STR |
| **SBA2/0-Q** | .44 | 1.92 | 2/0 STR – 2/0 STR | 2/0 STR – #8 STR | #2 STR (Compact) – #8 STR |
| **SBA6-C** | .20 | 1.58 | #6 STR – #6 STR | #6 STR – #10 SOL | #10 SOL – #10 SOL |
| **SBA2-C** | .32 | 1.58 | #2 STR – #2 STR | #2 STR – #8 STR | #6 SOL – #8 STR |
| **SBA4-C** | .26 | 1.38 | #4 STR – #4 STR | #4 STR – #10 SOL | #8 SOL – #10 SOL |
| **SBA500-1** | .84 | 3.62 | 500 kcmil – 500 kcmil | 500 kcmil – #2 STR (Compact) | 400 kcmil (Compact) – #2 STR (Compact) |

*ROHS Compliant

## Copper split bolt connector, type SBC

| Model | Inside Diam.(In) | Length | Min. Tap with one max. Run | Range of Equal Run & tap Min. | Range of Equal Run & tap Max. |
|---|---|---|---|---|---|
| **SBC750-1** | 1.03 | 3.75 | #8 SOL | 350 kcmil | 750 kcmil |
| **SBC250-Q** | .58 | 2.09 | #10 SOL | 1/0 SOL | 250 kcmil |
| **SBC350-1** | .75 | 2.42 | #8 SOL | 4/0 STR | 350 kcmil |
| **SBC2-C** | .33 | 1.23 | #14 STR | #6 SOL | #2 STR |
| **SBC3/0-Q** | .47 | 2.07 | #12 SOL | #2 SOL | 3/0 STR |
| **SBC6SL-C** | .17 | 1.10 | #16 SOL | #10 SOL | #6 SOL |
| **SBC1/0-L** | .38 | 1.55 | #14 SOL | #4 SOL | 1/0 STR |
| **SBC500-1** | .83 | 2.93 | #8 SOL | 250 kcmil | 500 kcmil |
| **SBC6S-C** | .17 | .95 | #16 SOL | #10 SOL | #6 SOL |
| **SBC1000-1** | 1.22 | 4.00 | #8 SOL | 500 kcmil | 1000 kcmil |
| **SBC2/0-Q** | .42 | 1.72 | #14 STR | #2 SOL | 2/0 STR |
| **SBC4SL-C** | .22 | 1.30 | #16 SOL | #8 SOL | #4 |
| **SBC8L-C** | .15 | .84 | #16 STR | #12 SOL | #8 STR |
| **SBC3-C** | .33 | 1.16 | #12 SOL | #6 SOL | #3 SOL |
| **SBC2L-C** | .33 | 1.55 | #14 STR | #6 SOL | #2 STR |
| **SBC8-C** | .15 | .86 | #16 STR | #12 SOL | #8 STR |
| **SBC4S-C** | .22 | .98 | #16 SOL | #8 SOL | #4 SOL |

*ROHS Compliant

Kami® Corrosion Inhabiting Compound is recommended for crimping connections. It is suggested where conditions are particularly aggressive such as chemical or salt-laden atmospheres or where inspection and cleaning are not regular.

Kami® Corrosion Inhabiting Compound is mixture of Grey Lithium based grease with abrasive particles and suspended Zinc particles, which assist in jointing because as metal flows under pressure the abrasive particles cause small area of cold welding :

- Corrosion Inhibitor does not affect the electrical properties of the compression joint.
- It is non-corrosive to aluminium, copper, steel, tin, zinc and combination of these metals.
- It does not deteriorate on exposure to atmosphere at conductor operating temperature.
- It has good sealing properties against moisture and contaminating substances in the atmosphere It has high temperature drop point.

**The mixture contains :**

1. Grey Lithium based grease 85%
2. Zinc Chromate 5%
3. Titanium Dioxide 10%

## CORROSION INHABITING COMPOUND

**Test Report**

The test carried out on 200 mm conductor joined with Aluminium lugs 95 Sq. mm. The test results found in terms of mV drop compared to joint with nonuse of compound, joint with Kami® Compound and joint with imported compound

| Specification | Joint without Compound | Joint with Braco Compound | Joint with Imported Compound |
|---|---|---|---|
| At 700 Amp at Ambient Temp. | 4.42 mV | 2.65 mV | 3.85 mV |
| After 10 days 6.16mV 3.1mV 5.35mV at 90°c | 5.70 mV | 2.97 mV | 4.75 mV |
| After 1/2 hour ageing at 200°C after 2nd test | 7.06 mV | 3.55 mV | 5.56 mV |

- NEE Components Pvt. Ltd.
- VNS Switchgear (I) Pvt. Ltd.
- EvoGlobe Infrastructure Pvt. Ltd.
- Nona Tech Pte. Ltd.

## OUR MANUFACTURING RANGE

**kam®**

Panel Board Accessories, Cam Locks, Non Metallic Locks, Door Knobs, Hinges, Handles, Insulated Handles, Inspection Window, Mounting Rails, Filters, Buzzer, Switches, Cam Switches, Pilot Lamps, Push Buttons, Control Units, Hour Meter, Tin Copper Cables Terminals, Aluminum, Copper Bi-Metallic Cable Lugs, Analogue Meter, Ammeter/Voltmeter, Frequency Meter, Maximum Demand meter etc. Residual Current Device, Miniature Circuit Breakers, Isolating Switches, Relay and Relay Sockets, Electrical Wiring Accessories, Industrial Plugs and Sockets, Modular Fuse Carriers and Cartridges Fuses, Knife Fuse and Fuse Base, Fuse Puller / Carrier, Connection Blocks, Brass Terminals and Insulated Bus Bar, Line Tapes, Bimetal Branching Terminal, B. I. Connectors, Test Terminal Blocks, Terminal Blocks, Terminals and Connectors, C. T. Current / Voltage Transformer, Control / Current Transformer, PG Cable Glands, Bus Bar Support, Comb Bars, DDLO Fuse Link, Operating Rod, Earthing Accessories.

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HDPE (Slitted & Non Slitted), PVC, Nylon Flexible Tube, GI Flexible, PVC Coated GI Flexible, & Liquid Tight Flexible Tubing, GI Conduit Pipes, Accessories.

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LED Street Lights, Commercial Fittings, Garden Fittings, etc.

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