

# Cable Accessories Catalogue

Guchuan (Shanghai) Import and Export Co., Ltd.



## About Guchuan

As a subsidiary of **Guchuan Technology Holdings Limited** (Guchuan Technology for short), **Guchuan (Shanghai) Import and Export Co., Ltd.** serves as the international trade hub of the group, dedicated to expanding its footprint across China, Europe, the Middle East, Australia, Southeast Asia, and beyond. We provide comprehensive support to the global power industry through cutting-edge solutions and reliable product.

Guchuan Technology is a leading provider of cable connectivity and power infrastructure solutions, with a vertically integrated ecosystem encompassing R&D, manufacturing, and worldwide distribution. Our subsidiaries include: **Zhejiang Guchuan Electrical Technology Co., Ltd.**, **Wuhu Guchuan Electric Power Technology Co., Ltd.**, **Zhejiang Guchuan Advanced Materials Technology Co., Ltd.** and **Guchuan (Shanghai) Import and Export Co., Ltd.** Together, we drive the globalization of Guchuan's high-quality products and services.

Committed to quality excellence and continuous innovation, we deliver superior integrated solutions for the power industry, adhering to high standards, strict requirements, and refined craftsmanship. Our comprehensive product range includes: New-type aluminum alloy profiles, Cable lugs & connectors, Electric power fittings & terminal connectors, Cable trays, High-low voltage switches, Integrated electrical equipment, Power transformers, and support devices for new energy and photovoltaic applications.

We invite domestic and international clients to collaborate with us for the best service and solution possible.



## CABLE LUGS AND CONNECTORS

**A Copper Lugs and connectors 6-25**

- GTG, Copper connector
- GTY, Copper connector
- DGT, Copper connector
- SC, Copper lug
- SG, Copper lug
- JGB, Copper lug
- JGY, Copper lug
- JG, Copper lug
- DTM, Copper lug
- DTG, Copper lug
- DT-S, Dual hole Copper lug
- DTK, Narrow head Copper lug
- DTC, Copper lug
- DTO, Copper lug
- AD, Dual hole Copper lug
- CL-2H, Dual hole copper lug
- GPH 90°, Copper lug
- LYF 90°, Copper lug

**B Aluminum Lugs and connectors 26- 29**

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- DLT, Bimetallic lug reversed type
- DTLK, Bimetallic lug narrow head
- ACL, Bimetallic lug
- GTD-S, Dual hole Bimetallic lug
- DTL-2, Bimetallic lug
- DTL-2F, Bimetallic lug
- DTL-3, Bimetallic lug
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- CPTAU, Pre-insulated Bimetallic lug
- DTL-7, Bimetallic lug pin type
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- LC Stainless Steel Cable Ties-ladder Multi-lock  
Uncoated/Full Coated
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Uncoated/Coated
- STT Stainless Steel Ratchet Cable Tie  
Uncoated/Coated
- BZL Stainless Steel Cable Ties-L Type Ball-lock  
Uncoated Ties
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**Appendix: Cold-pressed Terminals Introduction 192-193**

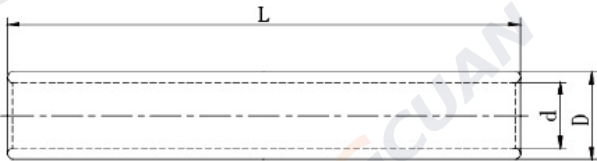
# CABLE LUGS AND CONNECTORS



# GTG Copper connector

**Application:**  
Used for connection of copper cable. From 10 to 630 mm<sup>2</sup>

**Material:**  
Cu ≥ 99.9%



| Type          | D  | d   | L   | Remark       |
|---------------|----|-----|-----|--------------|
| GT-(G)-10(A)  | 8  | 5   | 50  | Burr rolling |
| GT-(G)-16(A)  | 9  | 6   | 56  |              |
| GT-(G)-25(A)  | 10 | 7   | 60  |              |
| GT-(G)-35(A)  | 12 | 8.5 | 64  | Round mouth  |
| GT-(G)-50(A)  | 14 | 10  | 72  |              |
| GT-(G)-70(A)  | 16 | 12  | 78  |              |
| GT-(G)-95(A)  | 18 | 13  | 85  |              |
| GT-(G)-120(A) | 20 | 15  | 90  |              |
| GT-(G)-150(A) | 22 | 16  | 94  |              |
| GT-(G)-185(A) | 25 | 18  | 100 |              |
| GT-(G)-240(A) | 27 | 20  | 110 |              |
| GT-(G)-300(A) | 31 | 24  | 120 |              |
| GT-(G)-400(A) | 34 | 26  | 135 |              |
| GT-(G)-500(A) | 38 | 30  | 150 |              |
| GT-(G)-630(A) | 45 | 35  | 170 |              |

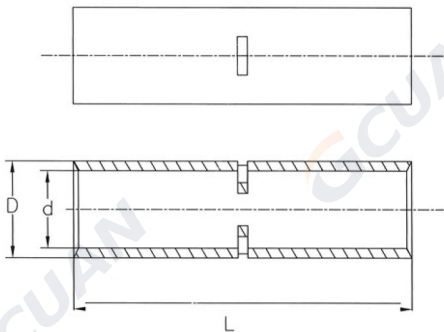
# GTY Copper connector

**Application:**  
Used for connection of copper cable. From 10 to 630 mm²

**Material:** Cu ≥ 99.9%

**Surface:** Tin plated

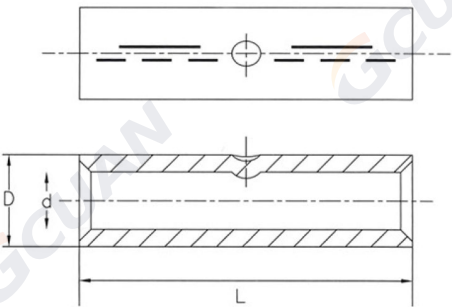
**Feature:** Solid center barrier



| Type specification | D    | d    | L   |
|--------------------|------|------|-----|
| GTY-1-10           | 6.8  | 5.4  | 30  |
| GTY-1-16           | 7.5  | 6.1  | 35  |
| GTY-1-25           | 9.0  | 7.4  | 40  |
| GTY-1-35           | 10.5 | 8.9  | 45  |
| GTY-1-50           | 12.0 | 9.9  | 50  |
| GTY-1-70           | 14.0 | 11.6 | 55  |
| GTY-1-95           | 17.0 | 14.2 | 60  |
| GTY-1-120          | 19.5 | 16.5 | 65  |
| GTY-1-150          | 20.5 | 17.5 | 70  |
| GTY-1-185          | 23.5 | 20.1 | 75  |
| GTY-1-240          | 26.0 | 22.2 | 80  |
| GTY-1-300          | 30.0 | 25.4 | 85  |
| GTY-1-400          | 34.0 | 28.6 | 90  |
| GTY-1-500          | 38.0 | 32.2 | 100 |
| GTY-1-630          | 45.0 | -    | 110 |

# DGT Copper connector

**Application:**  
Used for connection of copper cable. From 10 to 240mm<sup>2</sup>  
**Material:** Cu ≥ 99.9%  
**Surface:** Tin plated  
**Feature:** Solid center barrier



| Type specification | D    | d    | L  |
|--------------------|------|------|----|
| DGT-10             | 6.0  | 4.5  | 30 |
| DGT-16             | 8.5  | 5.5  | 50 |
| DGT-25             | 10.0 | 7.0  | 50 |
| DGT-35             | 12.5 | 8.2  | 50 |
| DGT-50             | 14.5 | 10.0 | 56 |
| DGT-70             | 16.5 | 11.5 | 56 |
| DGT-95             | 19.0 | 13.5 | 70 |
| DGT-120            | 21.0 | 15.5 | 70 |
| DGT-150            | 23.5 | 17.0 | 80 |
| DGT-185            | 25.5 | 19.0 | 85 |
| DGT-240            | 29.0 | 21.5 | 90 |

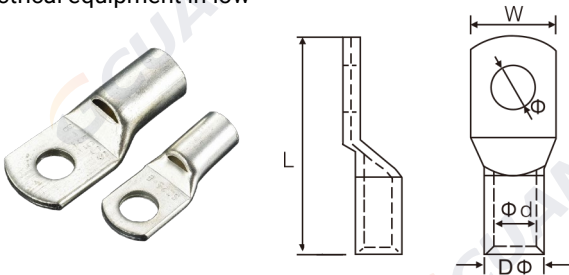
# SC Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 1.5 to 630mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** Hole inspection for easy installation.



| Item No. | Dimension (mm) |      |     |      |      | Pcs/<br>Pack |
|----------|----------------|------|-----|------|------|--------------|
|          | Φ              | D    | d   | L    | W    |              |
| SC 1.5-4 | 4.3            | 3.5  | 2.1 | 18.0 | 7.5  | 1000         |
| SC 1.5-5 | 5.3            |      |     |      | 9.0  |              |
| SC 1.5-6 | 6.4            |      |     |      | 9.0  |              |
| SC 2.5-4 | 4.3            | 4.0  | 2.6 | 20.0 | 7.5  | 1000         |
| SC 2.5-5 | 5.3            |      |     |      | 9.0  |              |
| SC 2.5-6 | 6.4            |      |     |      | 9.0  |              |
| SC 4-4   | 4.3            | 4.8  | 3.4 | 20.0 | 9.0  | 1000         |
| SC 4-5   | 5.3            |      |     |      | 9.0  |              |
| SC 4-6   | 6.4            |      |     | 23.0 | 12.0 |              |
| SC 4-8   | 8.4            |      |     |      | 12.0 |              |
| SC 6-5   | 5.3            | 5.5  | 4.1 | 23.0 | 9.0  | 500          |
| SC 6-6   | 6.4            |      |     |      | 12.0 |              |
| SC 6-8   | 8.4            |      |     |      | 12.0 |              |
| SC 6-10  | 10.5           | 6.0  | 3.9 | 27.5 | 15.0 | 100          |
| SC 10-6  | 6.4            | 6.7  | 5.1 | 25.0 | 10.3 |              |
| SC 10-8  | 8.4            |      |     |      | 12.3 |              |
| SC 10-10 | 10.5           | 7.0  | 5.4 | 28.0 | 14.0 | 100          |
| SC 16-6  | 6.4            | 8.0  | 6.0 | 31.0 | 11.5 | 100          |
| SC 16-8  | 8.4            |      |     |      | 15.0 |              |
| SC 16-10 | 10.5           |      |     |      | 17.0 |              |
| SC 16-12 | 13.0           |      |     |      | 17.0 |              |
| SC 25-6  | 6.4            | 9.5  | 7.2 | 34.0 | 13.0 | 100          |
| SC 25-8  | 8.4            |      |     |      | 15.0 |              |
| SC 25-10 | 10.5           |      |     | 39.0 | 18.0 |              |
| SC 25-12 | 13.0           |      |     |      | 18.0 |              |
| SC 35-6  | 6.4            | 10.5 | 8.1 | 38.0 | 15.0 | 100          |
| SC 35-8  | 8.4            |      |     |      | 15.0 |              |
| SC 35-10 | 10.5           |      |     |      | 18.0 |              |
| SC 35-12 | 13.0           |      |     |      | 18.0 |              |

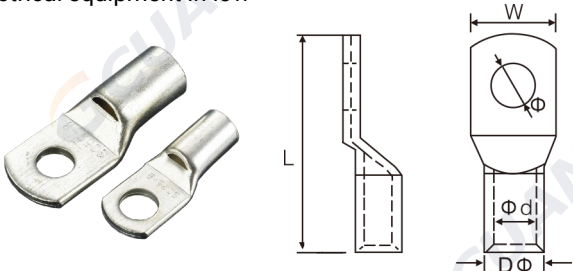
# SC Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 1.5 to 630mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** Hole inspection for easy installation.



| Item No.  | Dimension (mm) |      |      |      |      | Pcs/<br>Pack |
|-----------|----------------|------|------|------|------|--------------|
|           | Φ              | D    | d    | L    | W    |              |
| SC 50-6   | 6.4            | 12.5 | 9.7  | 43.5 | 18.0 | 100          |
| SC 50-8   | 8.4            |      |      |      |      |              |
| SC 50-10  | 10.5           |      |      | 49.0 | 22.0 |              |
| SC 50-12  | 13.0           |      |      |      |      |              |
| SC 50-16  | 17.0           | 14.7 | 11.8 | 50.0 | 21.7 | 100          |
| SC 70-8   | 8.5            |      |      |      |      |              |
| SC 70-10  | 10.5           |      |      |      | 21.7 |              |
| SC 70-12  | 13.0           |      |      |      |      |              |
| SC 70-14  | 15.0           |      |      |      | 21.7 |              |
| SC 70-16  | 17.0           | 17.0 | 13.0 | 55.0 | 24.8 | 100          |
| SC 95-8   | 8.4            |      |      |      |      |              |
| SC 95-10  | 10.5           |      |      |      | 25.0 |              |
| SC 95-12  | 13.0           |      |      |      |      |              |
| SC 95-14  | 15.0           |      |      |      |      |              |
| SC 95-16  | 17.0           | 19.0 | 15.0 | 62.0 | 27.0 | 50           |
| SC 120-8  | 8.4            |      |      |      |      |              |
| SC 120-10 | 10.5           |      |      |      |      |              |
| SC 120-12 | 13.0           |      |      |      |      |              |
| SC 120-14 | 15.0           |      |      |      |      |              |
| SC 120-16 | 17.0           | 21.0 | 17.0 | 69.0 | 30.0 | 20           |
| SC 150-8  | 8.4            |      |      |      |      |              |
| SC 150-10 | 10.5           |      |      |      |      |              |
| SC 150-12 | 13.0           |      |      |      |      |              |
| SC 150-14 | 15.0           |      |      |      |      |              |
| SC 150-16 | 17.0           | 24.0 | 19.0 | 78.0 | 34.3 | 20           |
| SC 185-10 | 10.5           |      |      |      |      |              |
| SC 185-12 | 13.0           |      |      |      |      |              |
| SC 185-14 | 15.0           |      |      |      |      |              |
| SC 185-16 | 17.0           |      |      |      |      |              |
| SC 185-18 | 19.0           |      |      |      |      |              |

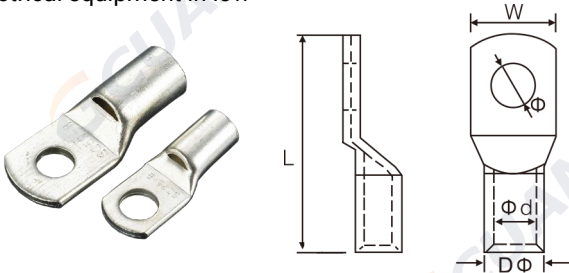
# SC Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 1.5 to 630mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** Hole inspection for easy installation.

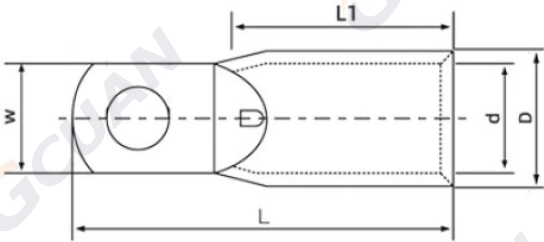


| Item No.  | Dimension (mm) |      |      |       |      | Pcs/<br>Pack |
|-----------|----------------|------|------|-------|------|--------------|
|           | Φ              | D    | d    | L     | W    |              |
| SC 240-10 | 10.5           | 26.0 | 21.0 | 92.0  | 38.0 | 10           |
| SC 240-12 | 13.0           |      |      |       |      |              |
| SC 240-14 | 15.0           |      |      |       |      |              |
| SC 240-16 | 17.0           |      |      |       |      |              |
| SC 240-18 | 19.0           |      |      |       |      |              |
| SC 240-20 | 21.0           |      |      |       |      |              |
| SC 300-10 | 10.5           | 30.0 | 24.0 | 101.0 | 43.0 | 5            |
| SC 300-12 | 13.0           |      |      |       |      |              |
| SC 300-14 | 15.0           |      |      |       |      |              |
| SC 300-16 | 17.0           |      |      |       |      |              |
| SC 300-18 | 18.5           |      |      |       |      |              |
| SC 300-20 | 21.0           |      |      |       |      |              |
| SC 400-12 | 13.0           | 34.0 | 27.0 | 114.0 | 49.0 | 5            |
| SC 400-14 | 15.0           |      |      |       |      |              |
| SC 400-16 | 17.0           |      |      |       |      |              |
| SC 400-20 | 21.0           |      |      |       |      |              |
| SC 500-16 | 17.0           | 38.0 | 30.0 | 124.0 | 56.0 | 5            |
| SC 500-20 | 21.0           |      |      |       |      |              |
| SC 630-16 | 17.0           | 45.0 | 35.0 | 144.0 | 64.0 | 5            |
| SC 630-20 | 21.0           |      |      |       |      |              |

# SG Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment for rated voltage up to 36kV. From 50 to 120 mm². Specially designed to accommodate both stranded (class 2) and flexible (class 5) power cables according to IEC 60228.

**Material:** Cu≥99.9%  
**Surface:** Tin plated  
**Feature:** Hole inspection for easy installation.



| Type specification | Screw hole | Plate width (W) | Total length (L) | Pipe Length (L1) | Pipe outer diameter (D) | Pipe inner diameter (d) | Plate thickness (T) |
|--------------------|------------|-----------------|------------------|------------------|-------------------------|-------------------------|---------------------|
| SG50-6             | 6.31       | 15.5            | 49.25            | 23.55            | 13.68                   | 9.67                    | 4.48                |
| SG50-8             | 8.39       | 15.75           | 49.26            | 24.27            | 13.9                    | 9.85                    | 4.41                |
| SG50-10            | 10.54      | 15.8            | 49.99            | 24               | 13.97                   | 9.9                     | 4.37                |
| SG70-6             | 6.29       | 17.64           | 54.99            | 28.98            | 16.74                   | 11.96                   | 5.67                |
| SG70-8             | 8.49       | 18.13           | 54.85            | 28.87            | 16.87                   | 12.02                   | 5.42                |
| SG70-10            | 10.63      | 17.93           | 54.68            | 29.15            | 16.76                   | 12.2                    | 5.45                |
| SG70-12            | 10.26      | 17.97           | 54.86            | 28.91            | 16.77                   | 11.75                   | 5.49                |
| SG95-6             | 6.29       | 18.6            | 59.01            | 32.26            | 17.76                   | 13.83                   | 4.95                |
| SG95-8             | 8.39       | 18.64           | 58.98            | 31.61            | 17.91                   | 13.75                   | 4.94                |
| SG95-10            | 10.49      | 18.95           | 59.78            | 31.59            | 17.9                    | 13.95                   | 4.78                |
| SG95-12            | 12.23      | 18.7            | 58.27            | 31.85            | 17.76                   | 13.8                    | 4.85                |
| SG120-6            | 6.29       | 20.6            | 64.14            | 35.93            | 19.44                   | 15.54                   | 4.75                |
| SG120-8            | 8.5        | 20.9            | 64.43            | 37.11            | 19.86                   | 15.81                   | 5.04                |
| SG120-10           | 10.46      | 20.92           | 65.17            | 36.9             | 19.85                   | 15.83                   | 4.84                |
| SG120-12           | 12.29      | 20.84           | 64.42            | 36.22            | 19.54                   | 15.61                   | 4.61                |

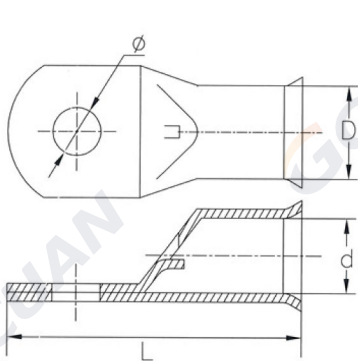
# JGB Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 6 to 630mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** Flared entry, Hole inspection for easy installation.



| Type specification | Φ                     | D    | d    | L   |
|--------------------|-----------------------|------|------|-----|
| SC(JGB)-6          | Φ5.2、Φ6.2、Φ8.2        | 5.5  | 4.1  | 24  |
| SC(JGB)-10         | Φ6.2、Φ8.2             | 6.5  | 5.1  | 28  |
| SC(JGB)-16         | Φ6.2、Φ8.2、Φ10.5       | 8.0  | 6.4  | 33  |
| SC(JGB)-25         | Φ6.2、Φ8.2、Φ10.5       | 9.0  | 7.0  | 36  |
| SC(JGB)-35         | Φ6.2、Φ8.2、Φ10.5、Φ12.5 | 10.5 | 8.5  | 42  |
| SC(JGB)-50         | Φ8.2、Φ10.5、Φ12.5      | 12.0 | 9.8  | 49  |
| SC(JGB)-70         | Φ8.2、Φ10.5、Φ12.5      | 14.5 | 11.9 | 55  |
| SC(JGB)-95         | Φ10.5、Φ12.5           | 16.0 | 13.0 | 60  |
| SC(JGB)-120        | Φ12.5、Φ16.5           | 19.0 | 15.4 | 67  |
| SC(JGB)-150        | Φ12.5、Φ16.5           | 20.5 | 16.7 | 73  |
| SC(JGB)-185        | Φ16.5                 | 23.5 | 19.3 | 78  |
| SC(JGB)-240        | Φ16.5                 | 26.0 | 21.1 | 92  |
| SC(JGB)-300        | Φ16.5、Φ20.5           | 30.0 | 24.0 | 102 |
| SC(JGB)-400        | Φ16.5、Φ20.5           | 34.0 | 27.6 | 113 |
| SC(JGB)-500        | Φ16.5、Φ20.5           | 38.0 | 31.6 | 123 |
| SC(JGB)-630        | Φ20.5                 | 45.0 | 37.6 | 145 |

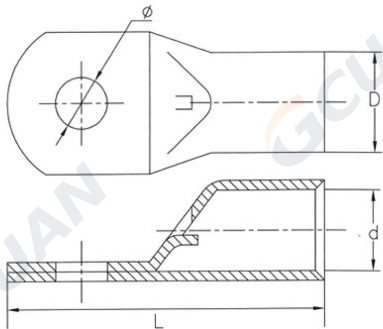
# JGY Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 6 to 630 mm<sup>2</sup>

**Material:** Cu ≥ 99.9%

**Surface:** tin plated

**Feature:** Hole inspection for easy installation.



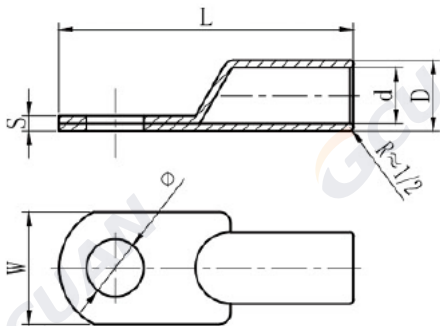
| Type specification | Φ                     | D    | d    | L   |
|--------------------|-----------------------|------|------|-----|
| SC(JGY)-6          | Φ5.2、Φ6.2、Φ8.2        | 5.5  | 4.1  | 24  |
| SC(JGY)-10         | Φ6.2、Φ8.2             | 6.5  | 5.1  | 28  |
| SC(JGY)-16         | Φ6.2、Φ8.2、Φ10.5       | 8.0  | 6.4  | 33  |
| SC(JGY)-25         | Φ6.2、Φ8.2、Φ10.5       | 9.0  | 7.0  | 36  |
| SC(JGY)-35         | Φ6.2、Φ8.2、Φ10.5、Φ12.5 | 10.5 | 8.5  | 42  |
| SC(JGY)-50         | Φ8.2、Φ10.5、Φ12.5      | 12.0 | 9.8  | 49  |
| SC(JGY)-70         | Φ8.2、Φ10.5、Φ12.5      | 14.5 | 11.9 | 55  |
| SC(JGY)-95         | Φ10.5、Φ12.5           | 16.0 | 13.0 | 60  |
| SC(JGY)-120        | Φ12.5、Φ16.5           | 19.0 | 15.4 | 67  |
| SC(JGY)-150        | Φ12.5、Φ16.5           | 20.5 | 16.7 | 73  |
| SC(JGY)-185        | Φ16.5                 | 23.5 | 19.3 | 78  |
| SC(JGY)-240        | Φ16.5                 | 26.0 | 21.1 | 92  |
| SC(JGY)-300        | Φ16.5、Φ20.5           | 30.0 | 24.0 | 102 |
| SC(JGY)-400        | Φ16.5、Φ20.5           | 34.0 | 27.6 | 113 |
| SC(JGY)-500        | Φ16.5、Φ20.5           | 38.0 | 31.6 | 123 |
| SC(JGY)-630        | Φ20.5                 | 45.0 | 37.6 | 145 |

# JG Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 6 to 630 mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated



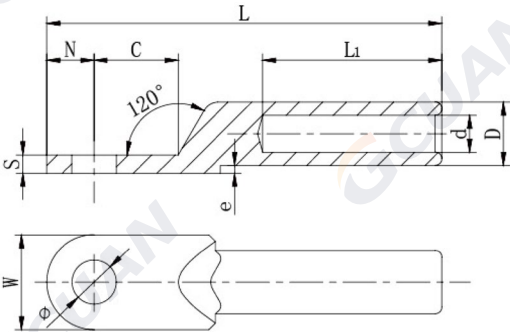
| Type   | Φ           | D  | d    | L   | W    | S   |
|--------|-------------|----|------|-----|------|-----|
| JG-10  | 6/8         | 8  | 6    | 38  | 12   | 2   |
| JG-16  | 6/8/10      | 9  | 7    | 41  | 13.5 | 2   |
| JG-25  | 8/10        | 10 | 7.8  | 46  | 14.5 | 2.2 |
| JG-35  | 8/10/12     | 11 | 8.8  | 52  | 16.5 | 2.2 |
| JG-50  | 8/10/12     | 13 | 10.6 | 54  | 18   | 2.4 |
| JG-70  | 8/10/12     | 16 | 12.8 | 61  | 23.5 | 3.2 |
| JG-95  | 8/10/12/14  | 18 | 14.8 | 66  | 26.5 | 3.2 |
| JG-120 | 10/12/14/16 | 20 | 16   | 73  | 28.5 | 4   |
| JG-150 | 12/14/16    | 22 | 18   | 77  | 32.5 | 4   |
| JG-185 | 12/14/16    | 25 | 20   | 86  | 36.5 | 5   |
| JG-240 | 12/14/16    | 27 | 21   | 92  | 39   | 5.6 |
| JG-300 | 16          | 30 | 24   | 103 | 44   | 6   |
| JG-400 | 20          | 33 | 26   | 113 | 48   | 7   |
| JG-500 | 20          | 40 | 32   | 142 | 58   | 8   |
| JG-630 | 22          | 45 | 36   | 155 | 65   | 10  |

# DTM Copper lug

**Application :**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 10 to 800 mm².

**Material :** Cu ≥ 99.9%

**Surface:** acid pickling



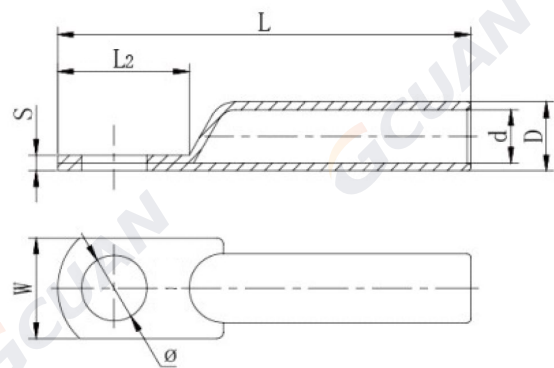
| Type specification | Φ           | D  | d   | L1 | C  | N  | W   | S    | L   | e   |
|--------------------|-------------|----|-----|----|----|----|-----|------|-----|-----|
| DTM-10             | 8.4         | 9  | 5.5 | 30 | 12 | 7  | 16  | 2.2  | 66  | 1   |
| DTM-16             | 8.4         | 10 | 6   | 31 | 13 | 8  | 16  | 2.5  | 67  |     |
| DTM-25             | 8.4         | 11 | 7   | 34 | 14 | 10 | 18  | 3    | 70  |     |
| DTM-35             | 10.5        | 12 | 8.5 | 36 | 16 | 11 | 20  | 3    | 79  |     |
| DTM-50             | 10.5        | 14 | 9.6 | 40 | 17 | 12 | 23  | 3.5  | 87  |     |
| DTM-70             | 12.5        | 16 | 12  | 44 | 18 | 13 | 26  | 4    | 95  |     |
| DTM-95             | 12.5        | 18 | 13  | 47 | 20 | 15 | 28  | 4.5  | 105 | 1.5 |
| DTM-120            | 14.5        | 20 | 15  | 50 | 22 | 16 | 30  | 5    | 112 |     |
| DTM-150            | 14.5        | 22 | 16  | 54 | 23 | 17 | 34  | 5.5  | 118 |     |
| DTM-185            | 16.5        | 25 | 18  | 56 | 24 | 18 | 38  | 6    | 125 | 2   |
| DTM-240            | 16.5        | 27 | 20  | 60 | 28 | 20 | 42  | 7    | 136 |     |
| DTM-300            | 21          | 30 | 23  | 65 | 32 | 25 | 48  | 8    | 160 |     |
| DTM-400            | 21          | 34 | 26  | 70 | 33 | 25 | 54  | 9    | 165 |     |
| DTM-500            | 21          | 38 | 29  | 75 | 38 | 30 | 64  | 9.5  | 190 |     |
| DTM-630            | Square head | 45 | 34  | 85 | 45 | 40 | 78  | 10   | 220 |     |
| DTM-800            | Square head | 50 | 38  | 85 | 55 | 50 | 100 | 10.5 | 260 |     |

# DTG Copper lug

**Application:**  
Used for connection of copper cable with copper end of electrical equipment in low voltage. From 10 to 240 mm².

**Material:** Cu ≥ 99.9%

**Surface:** tin plated



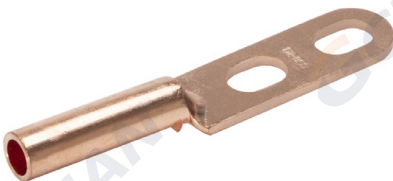
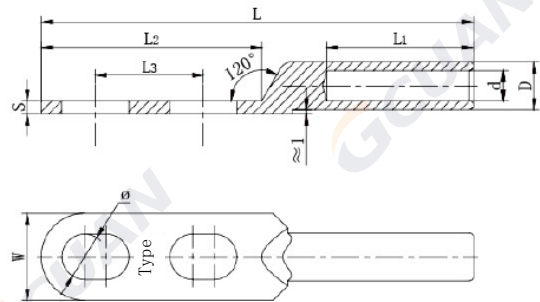
| Type specification | Φ    | D  | d    | L2 | W    | S   | L   |
|--------------------|------|----|------|----|------|-----|-----|
| DTG-B-10           | 8.5  | 8  | 5.6  | 17 | 12.5 | 2   | 50  |
| DTG-B-16           | 8.5  | 9  | 6.6  | 17 | 13   | 2.4 | 55  |
| DTG-B-25           | 8.5  | 10 | 7.6  | 19 | 14   | 2.4 | 60  |
| DTG-B-35           | 10.5 | 11 | 8.5  | 21 | 16   | 2.5 | 66  |
| DTG-B-50           | 10.5 | 13 | 10.4 | 23 | 19   | 2.6 | 72  |
| DTG-B-70           | 12.5 | 15 | 12   | 26 | 22   | 3   | 80  |
| DTG-B-95           | 12.5 | 17 | 14   | 29 | 25   | 3   | 87  |
| DTG-B-120          | 14.5 | 19 | 15.5 | 32 | 28   | 3.5 | 96  |
| DTG-B-150          | 14.5 | 21 | 17   | 35 | 31   | 4   | 103 |
| DTG-B-185          | 16.5 | 24 | 19   | 37 | 35   | 5   | 110 |
| DTG-B-240          | 16.5 | 26 | 21   | 40 | 38   | 5   | 115 |

# DT-S Dual hole copper lug

**Application:**

Used for connection of copper cable . From 25 to 400mm². Dual hole design for higher stability of installation

**Material:** Cu≥99.9%



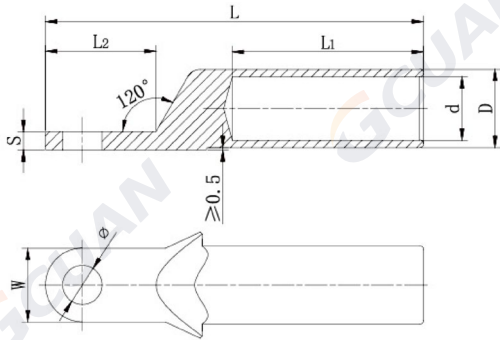
| Type     | Φ    | D  | d    | L1 | L2 | L3    | W  | S   | L   |
|----------|------|----|------|----|----|-------|----|-----|-----|
| DT-S-25  | 10.5 | 11 | 7.3  | 34 | 51 | 20-30 | 20 | 2.5 | 100 |
| DT-S-35  | 10.5 | 12 | 8.5  | 37 | 53 | 20-30 | 20 | 2.6 | 102 |
| DT-S-50  | 10.5 | 14 | 9.5  | 40 | 54 | 20-30 | 23 | 3.0 | 107 |
| DT-S-70  | 12.5 | 15 | 11.5 | 43 | 58 | 20-30 | 26 | 3.5 | 115 |
| DT-S-95  | 12.5 | 18 | 13.5 | 48 | 60 | 20-30 | 28 | 3.8 | 126 |
| DT-S-120 | 13.0 | 20 | 15.1 | 51 | 67 | 25-35 | 30 | 4.2 | 138 |
| DT-S-150 | 13.0 | 22 | 16.5 | 54 | 68 | 25-35 | 34 | 4.8 | 142 |
| DT-S-185 | 13.0 | 25 | 18.5 | 58 | 76 | 30-40 | 37 | 5.5 | 157 |
| DT-S-240 | 13.0 | 27 | 20.7 | 60 | 78 | 30-40 | 40 | 6.0 | 163 |
| DT-S-300 | 16.5 | 30 | 23.5 | 64 | 83 | 34-41 | 46 | 7.0 | 175 |
| DT-S-400 | 16.5 | 34 | 26.2 | 70 | 85 | 34-41 | 50 | 7.5 | 185 |

# DTK Narrow head copper lug

**Application :**  
Used for connection of copper cable. From 35 to 240 mm².

**Material :** Cu ≥ 99.9%

**Feature :** Narrow head design for easier installation with circuit breaker



| Type specification | Φ    | D  | d    | L1 | L2 | W  | S   | L   |
|--------------------|------|----|------|----|----|----|-----|-----|
| DTK-35             | 8.5  | 11 | 8.2  | 31 | 24 | 16 | 4   | 66  |
| DTK-50             | 8.5  | 13 | 9.5  | 36 | 24 | 16 | 4   | 72  |
| DTK-70             | 8.5  | 15 | 11.5 | 40 | 24 | 16 | 4   | 79  |
| DTK-95             | 8.5  | 17 | 13.5 | 41 | 24 | 16 | 4   | 82  |
| DTK-120            | 8.5  | 19 | 15.1 | 44 | 24 | 16 | 4.5 | 87  |
| DTK-150            | 10.5 | 22 | 16.5 | 46 | 27 | 22 | 5.5 | 93  |
| DTK-185            | 10.5 | 25 | 18.5 | 48 | 27 | 22 | 6   | 97  |
| DTK-240            | 10.5 | 27 | 20.7 | 50 | 27 | 22 | 7   | 102 |

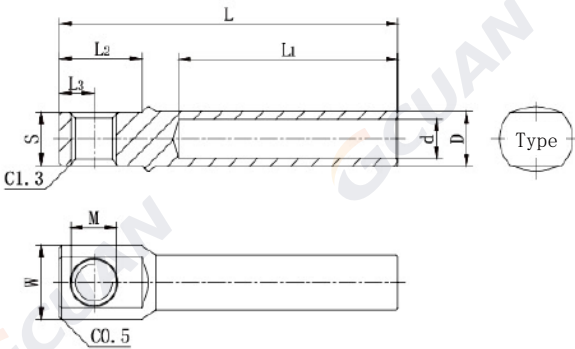
# DTC Copper lug

**Application:**

Used for connection of copper cable with copper end of electrical equipment in low voltage. From 16 to150mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated



| Type    | M      | D  | d    | L1 | L2 | L3  | W  | S    | L  |
|---------|--------|----|------|----|----|-----|----|------|----|
| DTC-25  | 3/8-16 | 11 | 7.0  | 48 | 18 | 7.5 | 16 | 11.5 | 74 |
| DTC-35  | 3/8-16 | 12 | 8.5  | 48 | 18 | 7.5 | 16 | 11.5 | 74 |
| DTC-50  | 3/8-16 | 14 | 9.7  | 48 | 18 | 7.5 | 16 | 11.5 | 74 |
| DTC-70  | 3/8-16 | 16 | 12.1 | 48 | 18 | 7.5 | 16 | 11.5 | 74 |
| DTC-95  | 3/8-16 | 18 | 13.2 | 48 | 18 | 7.5 | 16 | 11.5 | 74 |
| DTC-120 | 3/8-16 | 20 | 15.1 | 48 | 18 | 7.5 | 16 | 11.5 | 74 |
| DTC-150 | 3/8-16 | 22 | 16.2 | 48 | 18 | 7.5 | 16 | 11.5 | 74 |

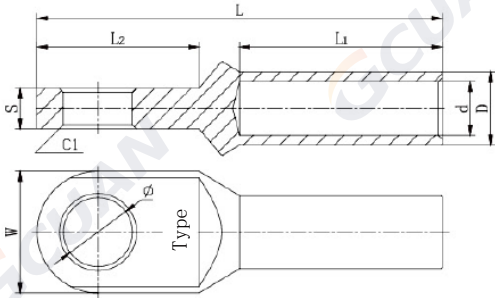
# DTO Copper lug

**Application:**  
Used for connection of aluminum cable with copper end of electrical equipment in low voltage. From 25 to 630mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** Designed for Elbow connector



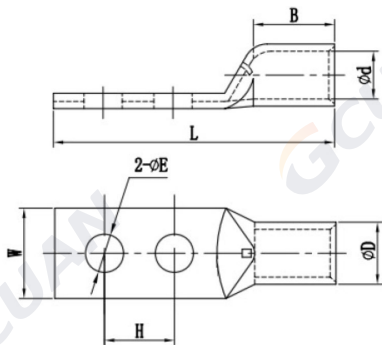
| Type    | Φ  | D  | d    | L1 | L2 | W  | S  | L   |
|---------|----|----|------|----|----|----|----|-----|
| DTO-25  | 17 | 11 | 7.0  | 50 | 40 | 30 | 10 | 100 |
| DTO-35  | 17 | 12 | 8.5  | 50 | 40 | 30 | 10 | 100 |
| DTO-50  | 17 | 14 | 9.7  | 50 | 40 | 30 | 10 | 100 |
| DTO-70  | 17 | 16 | 12.1 | 50 | 40 | 30 | 10 | 100 |
| DTO-95  | 17 | 18 | 13.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-120 | 17 | 20 | 15.1 | 50 | 40 | 30 | 10 | 100 |
| DTO-150 | 17 | 22 | 16.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-185 | 17 | 25 | 18.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-240 | 17 | 27 | 20.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-300 | 17 | 30 | 23.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-400 | 17 | 34 | 26.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-500 | 17 | 38 | 29.2 | 50 | 40 | 30 | 10 | 100 |
| DTO-630 | 17 | 45 | 34.0 | 50 | 40 | 30 | 10 | 103 |

# AD Dual hole copper lug

**Application :**  
Used for connection of copper cable. From 38 to 500 mm². Dual hole design for higher stability of installation

**Material :** Cu ≥ 99.9%

**Surface :** Tin plated



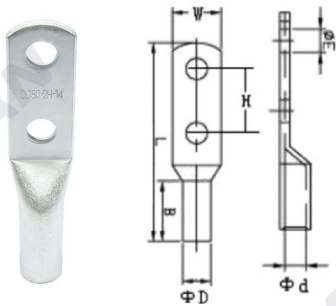
| Type specification | Dimensions (mm) |      |      |      |      |       |      |
|--------------------|-----------------|------|------|------|------|-------|------|
|                    | ΦE              | ΦD   | Φd   | W    | B    | L     | H    |
| AD38-8             | 9.5             | 11.7 | 9.5  | 17.5 | 12.0 | 65.8  | 25.4 |
| AD60-10            | 11.0            | 14.4 | 11.9 | 21.3 | 14.0 | 74.7  | 25.4 |
| AD80-10            | 11.0            | 17.9 | 14.9 | 26.7 | 19.0 | 82.3  | 25.4 |
| AD100-10           | 10.5            | 20.1 | 16.8 | 29.7 | 19.5 | 86.6  | 25.4 |
| AD125-10           | 11.0            | 21.3 | 17.8 | 32.0 | 19.0 | 89.7  | 25.4 |
| AD150-10           | 11.0            | 23.4 | 19.6 | 35.0 | 22.8 | 94.5  | 25.4 |
| AD180-12           | 14.0            | 25.3 | 21.1 | 37.5 | 23.8 | 117.0 | 44.5 |
| AD200-12           | 14.0            | 27   | 22.5 | 40.4 | 24.8 | 119.6 | 44.5 |
| AD250-12           | 14.0            | 30.2 | 25.2 | 45.2 | 26.8 | 120.7 | 44.5 |
| AD325-12           | 14.0            | 33.1 | 27.6 | 49.2 | 36.0 | 130.2 | 44.5 |
| AD400-12           | 14.0            | 38.2 | 31.8 | 56.9 | 40.0 | 136.8 | 44.5 |
| AD500-12           | 14.0            | 42.7 | 35.6 | 63.0 | 43.0 | 147.5 | 44.5 |

CL-2H Dual hole copper lug

**Application :**  
An accessory used for establishing electrical connections. Commonly applied in electrical control, power distribution, relay protection, power electronics, household appliances, power generation, etc.

**Material :** Cu ≥ 99.9%

**Surface :** Tin plated



| Item No.    | Dimension (mm) |        |        |       |       |       |       |
|-------------|----------------|--------|--------|-------|-------|-------|-------|
|             | ΦE±0.2         | ΦD±0.4 | Φd±0.4 | W±0.8 | B±0.8 | L±0.8 | H±0.8 |
| CL14-2H-6   | 6.4            | 8.8    | 5.8    | 13.0  | 28.5  | 117.5 | 45.0  |
| CL14-2H-8   | 8.4            | 8.8    | 5.8    | 13.0  | 28.5  | 117.5 | 45.0  |
| CL14-2H-10  | 10.5           | 8.8    | 5.8    | 15.0  | 28.5  | 117.5 | 45.0  |
| CL22-2H-6   | 6.4            | 11.3   | 7.7    | 16.0  | 28.5  | 119.2 | 45.0  |
| CL22-2H-8   | 8.4            | 11.3   | 7.7    | 16.0  | 28.5  | 119.2 | 45.0  |
| CL22-2H-10  | 10.5           | 11.3   | 7.7    | 16.0  | 28.5  | 119.2 | 45.0  |
| CL22-2H-12  | 13.0           | 11.3   | 7.7    | 18.3  | 28.5  | 119.2 | 45.0  |
| CL38-2H-8   | 8.5            | 12.4   | 9.8    | 18.3  | 31.7  | 120.0 | 45.0  |
| CL38-2H-10  | 10.5           | 12.4   | 9.8    | 18.3  | 31.7  | 120.0 | 45.0  |
| CL38-2H-12  | 13.0           | 12.4   | 9.8    | 18.3  | 31.7  | 120.0 | 45.0  |
| CL60-2H-8   | 8.5            | 14.0   | 11.0   | 20.5  | 40.0  | 130.0 | 45.0  |
| CL60-2H-10  | 10.5           | 14.0   | 11.0   | 20.5  | 40.0  | 130.0 | 45.0  |
| CL60-2H-12  | 13.0           | 14.0   | 11.0   | 20.5  | 40.0  | 130.0 | 45.0  |
| CL70-2H-10  | 10.5           | 15.0   | 12.0   | 21.4  | 40.0  | 130.0 | 45.0  |
| CL70-2H-12  | 13.0           | 15.0   | 12.0   | 21.4  | 40.0  | 130.0 | 45.0  |
| CL70-2H-14  | 15.0           | 15.0   | 12.0   | 21.4  | 40.0  | 130.0 | 45.0  |
| CL80-2H-12  | 13.0           | 16.0   | 13.0   | 23.2  | 40.0  | 130.0 | 45.0  |
| CL100-2H-10 | 10.5           | 18.5   | 14.0   | 26.0  | 42.0  | 132.0 | 45.0  |
| CL100-2H-12 | 13.0           | 18.0   | 14.0   | 26.0  | 42.0  | 132.0 | 45.0  |
| CL100-2H-14 | 15.0           | 18.0   | 14.0   | 26.0  | 42.0  | 132.0 | 45.0  |
| CL125-2H-10 | 10.5           | 20.0   | 16.0   | 29.0  | 42.0  | 135.0 | 45.0  |
| CL125-2H-12 | 13.0           | 20.0   | 16.0   | 29.0  | 42.0  | 135.0 | 45.0  |
| CL125-2H-14 | 15.0           | 20.0   | 16.0   | 29.0  | 42.0  | 135.0 | 45.0  |
| CL150-2H-12 | 13.0           | 22.0   | 17.0   | 31.0  | 50.0  | 150.0 | 45.0  |
| CL150-2H-14 | 14.0           | 22.0   | 17.0   | 31.0  | 50.0  | 150.0 | 45.0  |
| CL180-2H-12 | 13.0           | 23.0   | 18.2   | 33.0  | 50.0  | 150.0 | 45.0  |
| CL180-2H-14 | 14.0           | 23.0   | 18.2   | 33.0  | 50.0  | 150.0 | 45.0  |
| CL200-2H-12 | 13.0           | 26.0   | 20.0   | 37.0  | 52.5  | 150.0 | 45.0  |
| CL200-2H-14 | 14.0           | 26.0   | 20.0   | 37.0  | 52.5  | 150.0 | 45.0  |
| CL250-2H-12 | 13.0           | 28.0   | 22.0   | 40.0  | 50.0  | 150.0 | 45.0  |
| CL250-2H-14 | 15.0           | 28.0   | 22.0   | 40.0  | 50.0  | 150.0 | 45.0  |
| CL325-2H-12 | 13.0           | 32.0   | 25.0   | 46.0  | 68.0  | 180.0 | 45.0  |
| CL325-2H-14 | 15.0           | 32.0   | 25.0   | 46.0  | 68.0  | 180.0 | 45.0  |
| CL400-2H-12 | 13.0           | 37.0   | 30.0   | 54.0  | 60.0  | 180.0 | 45.0  |
| CL500-2H-12 | 13.0           | 40.0   | 31.0   | 57.5  | 60.0  | 180.0 | 45.0  |

# GPH 90° Copper lug

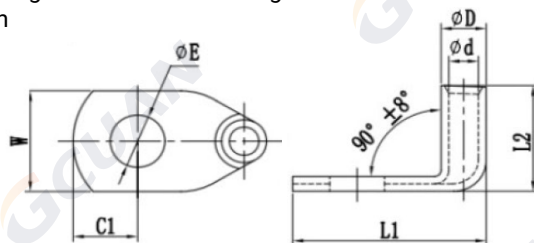
## Application:

Used for connection of copper cable with copper end of electrical equipment in low voltage. From 16 to 400mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** 90 degrees - one hole lug with die code marking to assist installation work and inspection



| Type specification | ΦE   | ΦD   | Φd   | W  | L2   | L1   |
|--------------------|------|------|------|----|------|------|
| GPH90-16/6         | 6.4  | 8.5  | 5.5  | 14 | 20.0 | 24.0 |
| GPH90-16/8         | 8.5  | 8.5  | 5.5  | 15 | 20.0 | 28.0 |
| GPH90-25/6         | 6.4  | 10.0 | 6.9  | 15 | 21.0 | 27.5 |
| GPH90-25/8         | 8.4  | 10.0 | 6.9  | 16 | 21.0 | 32.5 |
| GPH90-25/10        | 10.5 | 10.0 | 6.9  | 18 | 21.0 | 32.5 |
| GPH90-35/8         | 8.5  | 12.0 | 8.5  | 17 | 24.0 | 34.0 |
| GPH90-35/10        | 10.5 | 12.0 | 8.5  | 20 | 24.0 | 34.0 |
| GPH90-35/12        | 13.0 | 12.0 | 8.5  | 22 | 24.0 | 40.5 |
| GPH90-50/8         | 8.4  | 14.0 | 10.0 | 20 | 28.5 | 40.5 |
| GPH90-50/10        | 10.5 | 14.0 | 10.0 | 20 | 28.5 | 40.5 |
| GPH90-50/12        | 13.0 | 14.0 | 10.0 | 23 | 28.5 | 42.5 |
| GPH90-70/8         | 8.5  | 16.5 | 12.0 | 24 | 31.0 | 43.0 |
| GPH90-70/10        | 10.5 | 16.5 | 12.0 | 24 | 31.0 | 43.0 |
| GPH90-70/12        | 13.0 | 16.5 | 12.0 | 24 | 31.0 | 44.5 |
| GPH90-95/10        | 10.5 | 18.0 | 13.5 | 26 | 35.0 | 44.5 |
| GPH90-95/12        | 13.0 | 18.0 | 13.5 | 26 | 35.0 | 46.5 |
| GPH90-95/16        | 17.0 | 18.0 | 13.5 | 28 | 35.0 | 52.0 |
| GPH90-120/10       | 10.5 | 19.5 | 15.0 | 29 | 35.5 | 49.0 |
| GPH90-120/12       | 13.0 | 19.5 | 15.0 | 29 | 35.5 | 49.0 |
| GPH90-120/16       | 17.0 | 19.5 | 15.0 | 29 | 35.5 | 55.0 |
| GPH90-150/10       | 10.5 | 21.0 | 16.5 | 31 | 40.0 | 48.0 |
| GPH90-150/12       | 13.0 | 21.0 | 16.5 | 31 | 40.0 | 51.0 |
| GPH90-150/16       | 17.0 | 21.0 | 16.5 | 31 | 40.0 | 56.0 |
| GPH90-185/12       | 13.0 | 24.0 | 19.0 | 35 | 46.0 | 58.5 |
| GPH90-185/16       | 17.0 | 24.0 | 19.0 | 35 | 46.0 | 58.5 |
| GPH90-185/20       | 21.0 | 24.0 | 19.0 | 35 | 46.0 | 65.0 |
| GPH90-240/16       | 17.0 | 26.0 | 21.0 | 40 | 50.0 | 60.0 |
| GPH90-240/20       | 21.0 | 26.0 | 21.0 | 40 | 50.0 | 67.8 |
| GPH90-300/16       | 17.0 | 29.5 | 23.5 | 43 | 59.0 | 64.0 |
| GPH90-300/20       | 21.0 | 29.5 | 23.5 | 43 | 59.0 | 70.5 |
| GPH90-400/12       | 13.0 | 34.0 | 27.0 | 49 | 62.0 | 79.0 |

# LYF 90° Copper lug

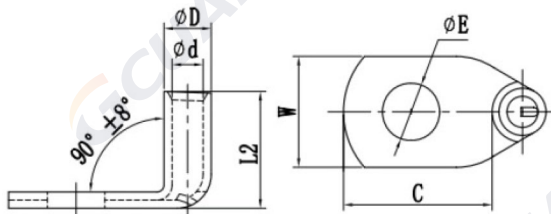
## Application:

Used for connection of copper cable with copper end of electrical equipment in low voltage. From 10 to 185mm<sup>2</sup>

**Material:** Cu≥99.9%

**Surface:** Tin plated

**Feature:** 90 degrees - one hole lug with die code marking to assist installation work and inspection

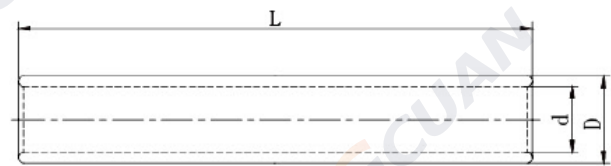


| Type specification | $\Phi E$ | $\Phi D$ | $\Phi d$ | W    | L2   | C    |
|--------------------|----------|----------|----------|------|------|------|
| LYF90-10/6         | 6.5      | 8.0      | 5        | 13.0 | 18.0 | 18.0 |
| LYF90-10/8         | 8.4      | 8.0      | 5        | 13.5 | 18.0 | 20.5 |
| LYF90-16/6         | 6.5      | 9.0      | 6        | 13.0 | 20.0 | 18.0 |
| LYF90-16/8         | 8.4      | 9.0      | 6        | 13.5 | 20.0 | 20.5 |
| LYF90-25/6         | 6.5      | 11.0     | 8        | 16.0 | 21.5 | 18.0 |
| LYF90-25/8         | 8.4      | 11.0     | 8        | 16.0 | 21.5 | 20.5 |
| LYF90-25/10        | 10.5     | 11.0     | 8        | 17.0 | 21.5 | 25.0 |
| LYF90-35/6         | 6.5      | 13.0     | 9        | 18.0 | 26.5 | 18.0 |
| LYF90-35/8         | 8.4      | 12.0     | 8.5      | 17.0 | 26.0 | 20.5 |
| LYF90-35/10        | 10.5     | 13.0     | 9        | 18.0 | 26.5 | 25.0 |
| LYF90-50/6         | 6.5      | 14.5     | 11       | 21.0 | 34.0 | 26.0 |
| LYF90-50/8         | 8.4      | 14.5     | 11       | 21.0 | 34.0 | 26.0 |
| LYF90-50/10        | 10.5     | 14.5     | 11       | 21.0 | 34.0 | 30.0 |
| LYF90-50/12        | 13.0     | 14.5     | 11       | 21.0 | 34.0 | 32.0 |
| LYF90-70/6         | 6.5      | 16.5     | 12       | 24.0 | 35.9 | 26.0 |
| LYF90-70/8         | 8.4      | 16.5     | 12       | 24.0 | 35.9 | 26.0 |
| LYF90-70/10        | 10.5     | 16.5     | 12       | 24.0 | 35.9 | 30.0 |
| LYF90-70/12        | 13.0     | 16.5     | 12       | 24.0 | 35.9 | 32.0 |
| LYF90-95/8         | 8.4      | 20.0     | 15       | 29.0 | 37.5 | 26.0 |
| LYF90-95/10        | 10.5     | 20.0     | 15       | 29.0 | 37.5 | 30.0 |
| LYF90-95/12        | 13.0     | 20.0     | 15       | 29.0 | 37.5 | 32.0 |
| LYF90-95/16        | 17.0     | 20.0     | 15       | 29.0 | 37.5 | 36.0 |
| LYF90-120/10       | 10.5     | 22.0     | 17       | 32.0 | 39.5 | 30.0 |
| LYF90-120/12       | 13.0     | 22.0     | 17       | 32.0 | 39.5 | 32.0 |
| LYF90-120/16       | 17.0     | 22.0     | 17       | 32.0 | 39.5 | 36.0 |
| LYF90-185/12       | 13.0     | 27.0     | 21       | 38.5 | 41.0 | 31.0 |
| LYF90-185/16       | 17.0     | 27.0     | 21       | 38.5 | 41.0 | 31.0 |

# GLG Aluminum connector

**Application:**  
Used for connection of aluminium cable. From 10 to 630 mm<sup>2</sup>

**Material:**  
Al ≥ 99.5%



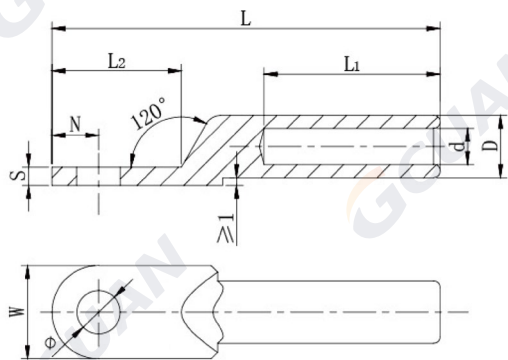
| Type          | D  | d    | L   | Remark       |
|---------------|----|------|-----|--------------|
| GL-(G)-10(A)  | 9  | 5.5  | 60  | Burr rolling |
| GL-(G)-16(A)  | 10 | 6.5  | 65  |              |
| GL-(G)-25(A)  | 12 | 7.2  | 70  |              |
| GL-(G)-35(A)  | 14 | 9    | 75  | Round mouth  |
| GL-(G)-50(A)  | 16 | 10   | 80  |              |
| GL-(G)-70(A)  | 18 | 12   | 90  |              |
| GL-(G)-95(A)  | 21 | 14   | 95  |              |
| GL-(G)-120(A) | 23 | 15   | 100 |              |
| GL-(G)-150(A) | 25 | 17   | 105 |              |
| GL-(G)-185(A) | 27 | 19   | 115 |              |
| GL-(G)-240(A) | 30 | 21   | 120 |              |
| GL-(G)-300(A) | 34 | 24   | 130 |              |
| GL-(G)-400(A) | 38 | 26   | 140 |              |
| GL-(G)-500(A) | 42 | 29.5 | 150 |              |
| GL-(G)-630(A) | 45 | 35   | 170 |              |

# DLM Aluminum lug

**Application :** Used for connection of aluminum cable with aluminum end of electrical equipment in low voltage. From 10 to 630 mm².

**Material :** AL ≥ 99.5%

**Surface:** acid pickling



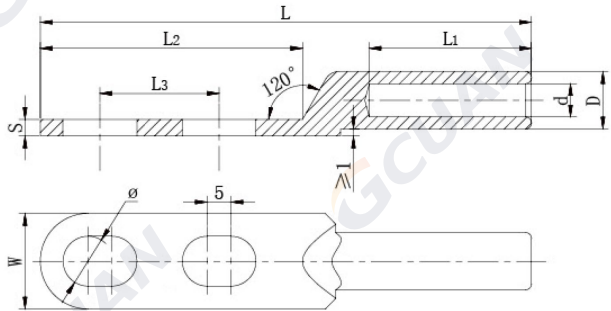
| Type specification | Φ           | D  | d   | L1 | L2 | N  | W  | S    | L   |
|--------------------|-------------|----|-----|----|----|----|----|------|-----|
| DLM-10             | 8.4         | 10 | 5.5 | 32 | 22 | 9  | 16 | 3    | 70  |
| DLM-16             | 8.4         | 10 | 5.5 | 32 | 22 | 9  | 16 | 3    | 70  |
| DLM-25             | 8.4         | 12 | 7   | 34 | 25 | 10 | 18 | 3.5  | 75  |
| DLM-35             | 10.5        | 14 | 8.5 | 40 | 29 | 11 | 20 | 3.5  | 85  |
| DLM-50             | 10.5        | 16 | 9.5 | 42 | 31 | 12 | 23 | 4    | 90  |
| DLM-70             | 12.5        | 18 | 12  | 47 | 34 | 14 | 26 | 4.5  | 102 |
| DLM-95             | 12.5        | 21 | 13  | 50 | 36 | 15 | 28 | 5    | 112 |
| DLM-120            | 14.5        | 23 | 15  | 53 | 40 | 16 | 30 | 5.5  | 120 |
| DLM-150            | 14.5        | 25 | 16  | 55 | 42 | 17 | 34 | 6    | 126 |
| DLM-185            | 16.5        | 27 | 18  | 58 | 47 | 18 | 37 | 6.5  | 133 |
| DLM-240            | 16.5        | 30 | 20  | 60 | 50 | 20 | 40 | 7.5  | 140 |
| DLM-300            | 21          | 34 | 23  | 65 | 62 | 25 | 45 | 8.5  | 165 |
| DLM-400            | 21          | 38 | 26  | 70 | 62 | 25 | 52 | 9.5  | 170 |
| DLM-500            | 21          | 42 | 29  | 75 | 67 | 30 | 60 | 10   | 190 |
| DLM-630            | Square head | 54 | 34  | 80 | 85 | 40 | 78 | 10.5 | 225 |

# DLS Dual hole aluminum lug

**Application :** Used for connection of aluminum cable with aluminum end of electrical equipment in low voltage. From 25 to 400 mm<sup>2</sup>. Dual hole design for higher stability of installation

**Material :** AL ≥ 99.5%

**Surface:** acid pickling



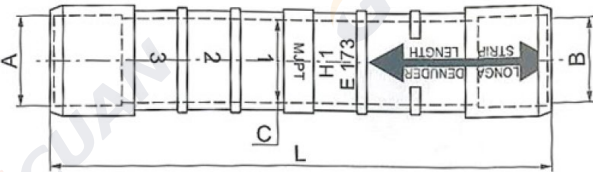
| Type specification | Φ    | D  | d   | L1 | L2 | L3   | W  | S   | L   |
|--------------------|------|----|-----|----|----|------|----|-----|-----|
| DL-25S             | 10.5 | 12 | 7   | 34 | 54 | 25   | 20 | 3.5 | 103 |
| DL-35S             | 10.5 | 14 | 8.5 | 40 | 54 | 25   | 20 | 3.5 | 108 |
| DL-50S             | 10.5 | 16 | 9.5 | 42 | 57 | 25   | 23 | 4   | 115 |
| DL-70S             | 12.5 | 18 | 12  | 47 | 61 | 25   | 26 | 4.5 | 125 |
| DL-95S             | 12.5 | 21 | 13  | 50 | 65 | 25   | 28 | 5   | 135 |
| DL-120S            | 13   | 23 | 15  | 53 | 71 | 30   | 30 | 5.5 | 148 |
| DL-150S            | 13   | 25 | 16  | 55 | 73 | 30   | 34 | 6   | 152 |
| DL-185S            | 13   | 27 | 18  | 58 | 80 | 35   | 37 | 6.5 | 166 |
| DL-240S            | 13   | 30 | 20  | 60 | 82 | 35   | 40 | 7.5 | 170 |
| DL-300S            | 16.5 | 34 | 23  | 65 | 89 | 37.5 | 45 | 8.5 | 187 |
| DL-400S            | 16.5 | 38 | 26  | 70 | 89 | 37.5 | 52 | 9.5 | 194 |

# MJPT Pre-insulated Aluminum Connector

**Application :**  
Used for LV-ABC systems with neutral messenger. MJPT is used on phase conductor. From 16 to 150 mm².

**Material :** Al ≥ 99.5%

Insulation sheath is made of weather and UV resistant material.



| Type specification | Cable Size (mm²) |     | Plastic Sleeve Diameter (mm) | Length (mm) | Color code |
|--------------------|------------------|-----|------------------------------|-------------|------------|
|                    | A                | B   | C                            | L           |            |
| MJPT16/16          | 16               | 16  | 20                           | 70          | Blue       |
| MJPT25/25          | 25               | 25  | 20                           | 70          | Orange     |
| MJPT35/35          | 35               | 35  | 20                           | 98.5        | Red        |
| MJPT50/50          | 50               | 50  | 20                           | 98.5        | Yellow     |
| MJPT70/70          | 70               | 70  | 20                           | 98.5        | Black      |
| MJPT95/95          | 95               | 95  | 25                           | 135         | White      |
| MJPT120/120        | 120              | 120 | 25                           | 150         | Grey       |

# GTL Bimetallic connector

**Application:**

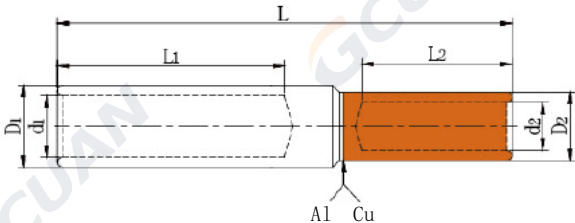
Used for intermediate transition connection of aluminum cable or aluminum alloy cable with copper cable in medium voltage. From 16 to 400mm<sup>2</sup> for Al conductor and 10 to 300 mm<sup>2</sup> for Cu conductor.

**Material:**

Al≥99.5%, Cu≥99.9%

**Feature:**

- Oil blocking structure
- Friction welded



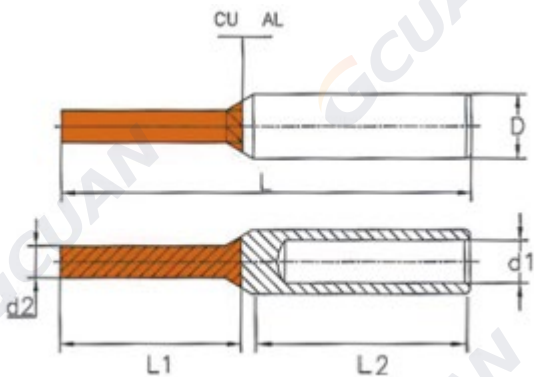
| Type       | D1 | d1   | L1 | D2 | d2   | L2 | L   |
|------------|----|------|----|----|------|----|-----|
| GTL-10(A)  | 10 | 5.3  | 30 | 8  | 4.2  | 25 | 70  |
| GTL-16(A)  | 11 | 6.3  | 32 | 9  | 5.3  | 27 | 75  |
| GTL-25(A)  | 12 | 7.3  | 36 | 10 | 6.3  | 28 | 80  |
| GTL-35(A)  | 14 | 8.5  | 42 | 11 | 7.3  | 28 | 85  |
| GTL-50(A)  | 16 | 9.5  | 47 | 13 | 8.5  | 30 | 90  |
| GTL-70(A)  | 18 | 11.5 | 50 | 15 | 9.5  | 33 | 100 |
| GTL-95(A)  | 21 | 13.5 | 52 | 17 | 11.3 | 38 | 110 |
| GTL-120(A) | 23 | 15.1 | 55 | 19 | 13.3 | 40 | 110 |
| GTL-150(A) | 25 | 16.5 | 56 | 21 | 14.9 | 44 | 115 |
| GTL-185(A) | 27 | 18.5 | 58 | 23 | 16.3 | 45 | 125 |
| GTL-240(A) | 30 | 20.7 | 62 | 26 | 18.3 | 48 | 130 |
| GTL-300(A) | 34 | 23.5 | 65 | 29 | 20.5 | 51 | 145 |

# GTLA Bimetallic lug pin type

**Application:**  
GTLA bimetallic lug pin works for electric meter or mini circuit breaker. From 10 to 70mm<sup>2</sup>

**Material:** Cu, Al

**Feature:** Surface acid washing. Strong electrical conductivity and corrosion resistance.



| Type    | L    | L1   | L2   | d2  | D  | d1   |
|---------|------|------|------|-----|----|------|
| GTLA-10 | 52.0 | 20.0 | 25.7 | 6.6 | 10 | 6.0  |
| GTLA-16 | 52.0 | 20.5 | 26.0 | 6.3 | 10 | 6.0  |
| GTLA-25 | 52.0 | 20.5 | 25.0 | 6.1 | 12 | 6.8  |
| GTLA-35 | 51.2 | 20.8 | 25.5 | 6.5 | 14 | 8.4  |
| GTLA-50 | 52.0 | 20.5 | 25.5 | 6.1 | 14 | 9.5  |
| GTLA-70 | 52.0 | 20.5 | 25.0 | 6.0 | 14 | 10.8 |

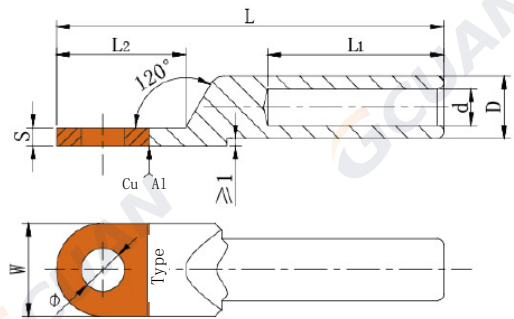
# DTL-A Bimetallic lug

**Application:**

Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 10 to 630mm<sup>2</sup>

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:** Friction welded



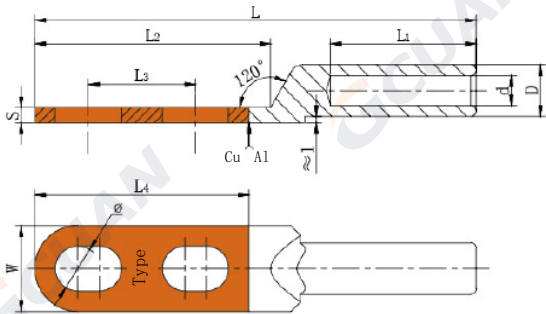
| Type       | Φ    | D  | d    | L1 | L2 | W  | S   | L   |
|------------|------|----|------|----|----|----|-----|-----|
| DTL-10(A)  | 8.5  | 10 | 5.3  | 30 | 22 | 16 | 2.5 | 64  |
| DTL-16(A)  | 8.5  | 11 | 6.3  | 33 | 24 | 16 | 2.8 | 70  |
| DTL-25(A)  | 8.5  | 12 | 7.3  | 36 | 25 | 18 | 3.0 | 75  |
| DTL-35(A)  | 10.5 | 14 | 8.5  | 42 | 30 | 20 | 3.2 | 85  |
| DTL-50(A)  | 10.5 | 16 | 9.5  | 43 | 31 | 23 | 3.4 | 90  |
| DTL-70(A)  | 12.5 | 18 | 11.5 | 50 | 36 | 26 | 3.6 | 102 |
| DTL-95(A)  | 12.5 | 21 | 13.5 | 53 | 40 | 28 | 4.0 | 112 |
| DTL-120(A) | 14.5 | 23 | 15.1 | 55 | 42 | 30 | 4.5 | 120 |
| DTL-150(A) | 14.5 | 25 | 16.5 | 57 | 45 | 34 | 5.0 | 126 |
| DTL-185(A) | 17.0 | 27 | 18.5 | 60 | 46 | 37 | 5.5 | 133 |
| DTL-240(A) | 17.0 | 30 | 20.7 | 62 | 50 | 40 | 6.3 | 140 |
| DTL-300(A) | 21.0 | 34 | 23.5 | 66 | 59 | 46 | 7.3 | 160 |
| DTL-400(A) | 21.0 | 38 | 26.2 | 72 | 61 | 50 | 7.6 | 168 |

# DTL-S Dual hole bimetallic lug

**Application:**  
Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 25 to 400 mm<sup>2</sup>. Dual hole design for higher stability of installation.

**Material:** Al ≥ 99.5%, Cu ≥ 99.9%

**Feature:** Friction welded



| Type      | Φ    | D  | d    | L1 | L2 | L3    | L4 | W  | S   | L   |
|-----------|------|----|------|----|----|-------|----|----|-----|-----|
| DTL-S-25  | 10.5 | 12 | 7.3  | 34 | 55 | 20-30 | 50 | 20 | 2.8 | 103 |
| DTL-S-35  | 10.5 | 14 | 8.5  | 36 | 55 | 20-30 | 50 | 20 | 3.2 | 107 |
| DTL-S-50  | 10.5 | 16 | 9.5  | 40 | 57 | 20-30 | 53 | 23 | 3.6 | 115 |
| DTL-S-70  | 12.5 | 18 | 11.5 | 44 | 63 | 20-30 | 55 | 26 | 4.0 | 125 |
| DTL-S-95  | 12.5 | 21 | 13.5 | 44 | 66 | 20-30 | 58 | 28 | 4.2 | 135 |
| DTL-S-120 | 13.0 | 23 | 15.1 | 52 | 73 | 25-35 | 64 | 30 | 4.6 | 148 |
| DTL-S-150 | 13.0 | 25 | 16.5 | 54 | 74 | 25-35 | 66 | 34 | 5.2 | 152 |
| DTL-S-185 | 13.0 | 27 | 18.5 | 56 | 81 | 30-40 | 72 | 37 | 5.8 | 166 |
| DTL-S-240 | 13.0 | 30 | 20.7 | 57 | 83 | 30-40 | 74 | 40 | 6.4 | 168 |
| DTL-S-300 | 16.5 | 34 | 23.5 | 61 | 90 | 34-41 | 80 | 46 | 7.5 | 185 |
| DTL-S-400 | 16.5 | 38 | 26.2 | 69 | 90 | 34-41 | 80 | 50 | 8.0 | 194 |

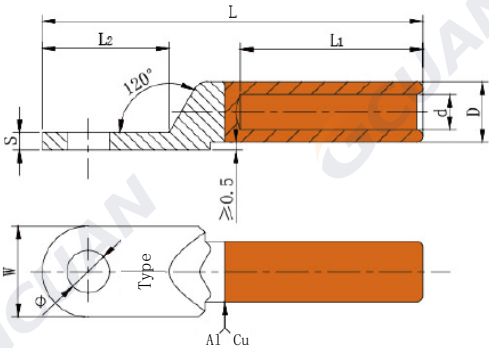
# DLT Bimetallic lug reversed type

**Application:**

DLT Reverse Bimetal Crimp Lug is suitable for aluminum to copper terminations.

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:** Friction welded



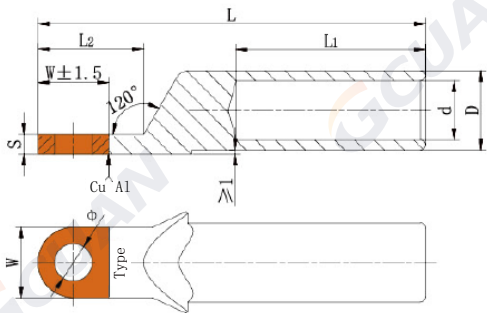
| Type    | Φ    | D  | d    | L1 | L2   | W  | S   | L   |
|---------|------|----|------|----|------|----|-----|-----|
| DLT-16  | 8.4  | 10 | 6.3  | 31 | 22.5 | 16 | 2.5 | 66  |
| DLT-25  | 8.4  | 11 | 7.3  | 34 | 25   | 18 | 2.8 | 70  |
| DLT-35  | 10.5 | 12 | 8.5  | 36 | 29   | 20 | 3.0 | 78  |
| DLT-50  | 10.5 | 14 | 9.5  | 37 | 31   | 23 | 3.5 | 85  |
| DLT-70  | 12.5 | 16 | 11.5 | 43 | 33.5 | 26 | 3.8 | 95  |
| DLT-95  | 12.5 | 18 | 13.5 | 46 | 37   | 28 | 4.5 | 104 |
| DLT-120 | 14.5 | 20 | 15.1 | 47 | 41   | 30 | 5.0 | 112 |
| DLT-150 | 14.5 | 22 | 16.5 | 49 | 43   | 34 | 5.4 | 117 |
| DLT-185 | 16.5 | 25 | 18.5 | 52 | 44   | 37 | 5.8 | 125 |
| DLT-240 | 16.5 | 27 | 20.7 | 58 | 50   | 40 | 6.5 | 135 |
| DLT-300 | 21   | 30 | 23.5 | 63 | 58   | 45 | 8.0 | 155 |

# DTLK Bimetallic lug narrow head

**Application:**  
Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 16 to 630mm<sup>2</sup>

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:** Narrow head design for easier installation with circuit breaker



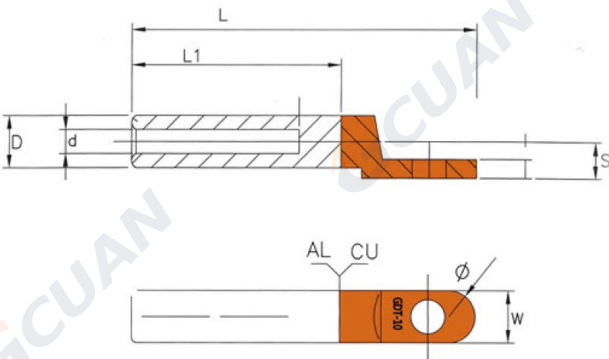
| Type     | Φ    | D  | d    | L1 | L2 | W  | S   | L   |
|----------|------|----|------|----|----|----|-----|-----|
| DTLK-35  | 8.5  | 12 | 8.2  | 34 | 24 | 16 | 4   | 71  |
| DTLK-50  | 8.5  | 14 | 9.2  | 38 | 24 | 16 | 4   | 78  |
| DTLK-70  | 8.5  | 16 | 11.2 | 41 | 24 | 16 | 4   | 84  |
| DTLK-95  | 8.5  | 18 | 13.2 | 43 | 24 | 16 | 4   | 87  |
| DTLK-120 | 8.5  | 20 | 15.1 | 45 | 24 | 16 | 4.5 | 92  |
| DTLK-150 | 10.5 | 25 | 16.5 | 46 | 30 | 22 | 5.5 | 100 |
| DTLK-185 | 10.5 | 27 | 18.5 | 48 | 30 | 22 | 6   | 104 |
| DTLK-240 | 10.5 | 30 | 20.7 | 50 | 30 | 22 | 7   | 108 |

# ACL Bimetallic lug

**Material:** CU ≥ 99.9%, AL ≥ 99.5%

**Features :**

The barrels are chemically treated to reduce contact resistance and corrosion refiled with jointing compound.  
Friction welded.



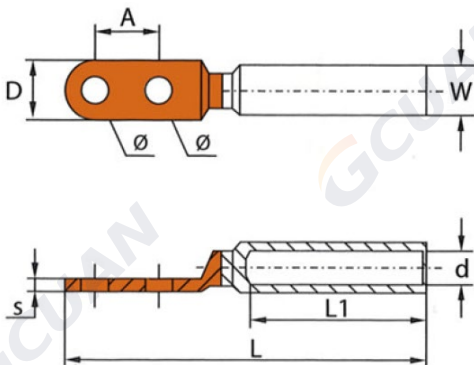
| Type specification | D  | d   | L   | L1 | S    | Φ    | W  |
|--------------------|----|-----|-----|----|------|------|----|
| ACL-10             | 10 | 4.5 | 40  | 66 | 7    | 6.5  | 10 |
| ACL-16             | 10 | 5.5 | 40  | 66 | 7    | 6.5  | 10 |
| ACL-25             | 12 | 7   | 45  | 72 | 8    | 8.5  | 13 |
| ACL-35             | 14 | 8.5 | 51  | 80 | 9    | 8.5  | 14 |
| ACL-50             | 16 | 9.5 | 87  | 54 | 10   | 8.5  | 16 |
| ACL-70             | 18 | 12  | 95  | 59 | 11   | 8.5  | 20 |
| ACL-95             | 21 | 13  | 102 | 62 | 12.5 | 10.5 | 20 |
| ACL-120            | 23 | 15  | 105 | 65 | 13.5 | 10.5 | 22 |
| ACL-150            | 25 | 16  | 112 | 67 | 14.5 | 10.5 | 25 |
| ACL-185            | 27 | 18  | 121 | 70 | 15.5 | 13   | 28 |
| ACL-240            | 30 | 20  | 124 | 73 | 17   | 13   | 30 |
| ACL-300            | 34 | 23  | 133 | 78 | 19   | 13   | 30 |
| ACL-400            | 38 | 26  | 142 | 83 | 21   | 13   | 30 |

# GTD-S Dual hole bimetallic lug

**Material:** CU ≥ 99.9%, AL ≥ 99.5%

**Features :**

The barrels are chemically treated to reduce contact resistance and corrosion refilled with jointing compound.  
Friction welded.



| Type specification | Cable spec (mm²) | Φ    | A  | D  | d    | L   | L1 | W  | S   |
|--------------------|------------------|------|----|----|------|-----|----|----|-----|
| GTD-16S            | 16               | 8.5  | 20 | 12 | 6.0  | 90  | 32 | 18 | 3.0 |
| GTD-25S            | 25               | 8.5  | 20 | 12 | 7.0  | 95  | 35 | 18 | 3.0 |
| GTD-35S            | 35               | 10.5 | 25 | 14 | 8.5  | 110 | 40 | 23 | 3.5 |
| GTD-50S            | 50               | 10.5 | 25 | 16 | 10.0 | 115 | 43 | 23 | 3.5 |
| GTD-70S            | 70               | 12.5 | 30 | 18 | 11.5 | 125 | 45 | 26 | 4.0 |
| GTD-95S            | 95               | 12.5 | 30 | 21 | 13.5 | 138 | 50 | 28 | 4.8 |
| GTD-120S           | 120              | 12.5 | 30 | 23 | 15.0 | 150 | 55 | 30 | 5.5 |
| GTD-150S           | 150              | 14.5 | 35 | 25 | 16.5 | 165 | 58 | 34 | 6.0 |
| GTD-185S           | 185              | 14.5 | 35 | 27 | 18.5 | 170 | 58 | 34 | 6.0 |
| GTD-240S           | 240              | 14.5 | 35 | 30 | 21.0 | 190 | 62 | 40 | 6.5 |
| GTD-300S           | 300              | 14.5 | 35 | 34 | 23.5 | 200 | 70 | 40 | 7.0 |
| GTD-400S           | 400              | 16.5 | 45 | 38 | 26.0 | 210 | 75 | 45 | 8.0 |

# DTL-2 Bimetallic lug

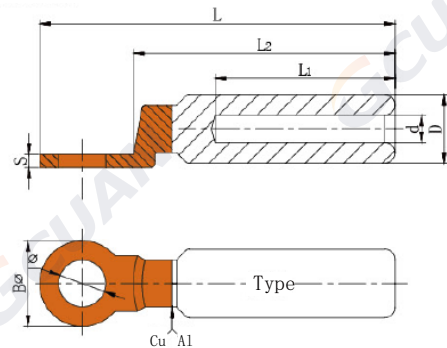
**Application:**

Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 16 to 630mm<sup>2</sup>

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:**

- Oil blocking structure
- Friction welded



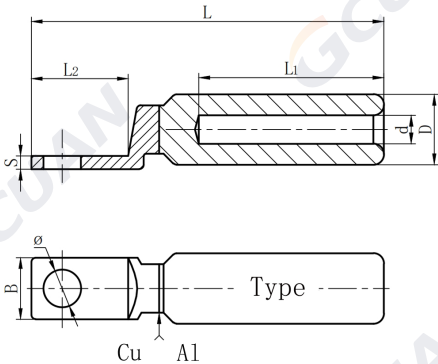
| Type      | Φ  | D  | d    | L1 | L2  | B  | S   | L   |
|-----------|----|----|------|----|-----|----|-----|-----|
| DTL-2-10  | 11 | 16 | 5.5  | 42 | 61  | 20 | 3   | 83  |
| DTL-2-16  | 11 | 16 | 5.5  | 42 | 61  | 20 | 3   | 83  |
| DTL-2-25  | 11 | 16 | 6.5  | 42 | 61  | 20 | 3   | 83  |
| DTL-2-35  | 11 | 16 | 8    | 42 | 61  | 20 | 3   | 83  |
| DTL-2-50  | 13 | 20 | 9    | 43 | 64  | 24 | 4.5 | 90  |
| DTL-2-70  | 13 | 20 | 11   | 43 | 64  | 24 | 4.5 | 90  |
| DTL-2-95  | 13 | 20 | 12.5 | 43 | 64  | 24 | 4.5 | 90  |
| DTL-2-120 | 13 | 25 | 13.5 | 60 | 83  | 30 | 6   | 115 |
| DTL-2-150 | 13 | 25 | 15.5 | 60 | 83  | 30 | 6   | 115 |
| DTL-2-185 | 13 | 32 | 17.5 | 60 | 88  | 35 | 7.5 | 125 |
| DTL-2-240 | 13 | 32 | 19.5 | 60 | 88  | 35 | 7.5 | 125 |
| DTL-2-300 | 13 | 34 | 22.5 | 62 | 97  | 36 | 8   | 135 |
| DTL-2-400 | 13 | 38 | 26   | 75 | 112 | 36 | 8   | 150 |
| DTL-2-500 | 17 | 40 | 29   | 90 | 127 | 36 | 8   | 165 |

# DTL-2F Bimetallic lug

**Application:**  
Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 16 to 500mm<sup>2</sup>

**Material:** Al≥99.5%, Cu≥99.9%

- Feature:**
- Oil blocking structure
  - Friction welded
  - Squared head design



| Type       | Φ    | D  | d    | L1 | L2 | B  | S   | L   |
|------------|------|----|------|----|----|----|-----|-----|
| DTL-2F-16  | 8.5  | 16 | 6.3  | 42 | 22 | 14 | 3   | 80  |
| DTL-2F-25  | 8.5  | 16 | 7.3  | 42 | 22 | 14 | 3   | 80  |
| DTL-2F-35  | 8.5  | 16 | 8.5  | 42 | 22 | 14 | 3   | 80  |
| DTL-2F-50  | 10.5 | 20 | 9.5  | 50 | 24 | 17 | 4   | 90  |
| DTL-2F-70  | 10.5 | 20 | 11.5 | 50 | 24 | 17 | 4   | 90  |
| DTL-2F-95  | 10.5 | 20 | 13.5 | 50 | 24 | 17 | 4   | 90  |
| DTL-2F-120 | 10.5 | 25 | 15.1 | 60 | 28 | 21 | 4.5 | 110 |
| DTL-2F-150 | 10.5 | 25 | 16.5 | 60 | 28 | 21 | 4.5 | 110 |
| DTL-2F-185 | 13   | 32 | 18.5 | 60 | 32 | 25 | 5.5 | 120 |
| DTL-2F-240 | 13   | 32 | 20.7 | 60 | 32 | 25 | 5.5 | 120 |
| DTL-2F-300 | 13   | 34 | 23.5 | 65 | 38 | 31 | 6   | 130 |
| DTL-2F-400 | 13   | 40 | 26.2 | 80 | 38 | 31 | 7.5 | 150 |
| DTL-2F-500 | 13   | 40 | 29.2 | 80 | 38 | 31 | 7.5 | 150 |

# DTL-3 Bimetallic lug

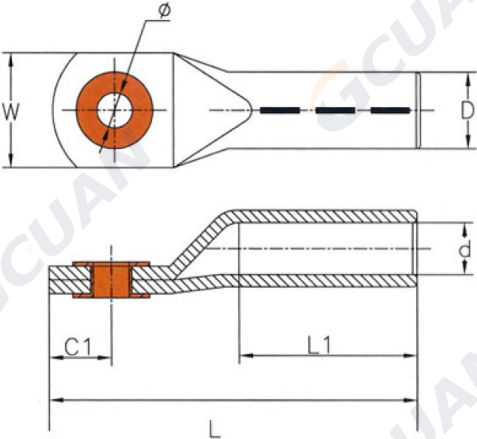
**Application:**

DTL-3 Bimetallic Lug is suitable for screwing non-tension aluminum connections using Cu-washers in humid areas and for pre-rounded sector shaped conductors.

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:**

- With CU eye in screw-on and markings for correct crimping.
- Aluminum barrel is filled by neutral grease and covered by cap.



| Type specification | D  | d    | $\Phi$ | C1   | L   | W  |
|--------------------|----|------|--------|------|-----|----|
| DTL-3-35           | 14 | 8.5  | 10.5   | 14.9 | 82  | 25 |
| DTL-3-50           | 16 | 10.0 | 10.5   | 14.5 | 87  | 27 |
| DTL-3-70           | 18 | 11.5 | 13     | 17.2 | 102 | 32 |
| DTL-3-95           | 21 | 13.5 | 13     | 19.6 | 106 | 35 |
| DTL-3-120          | 23 | 15.0 | 13     | 16.5 | 112 | 35 |
| DTL-3-150          | 25 | 16.5 | 13     | 18.9 | 125 | 35 |
| DTL-3-185          | 28 | 18.5 | 13     | 22.0 | 133 | 42 |
| DTL-3-240          | 32 | 21.0 | 17     | 26.2 | 140 | 46 |
| DTL-3-300          | 34 | 23.5 | 17     | 26.0 | 155 | 50 |
| DTL-3-400          | 38 | 26.5 | 17     | 30.0 | 170 | 58 |

# DTL-5 Bimetallic lug

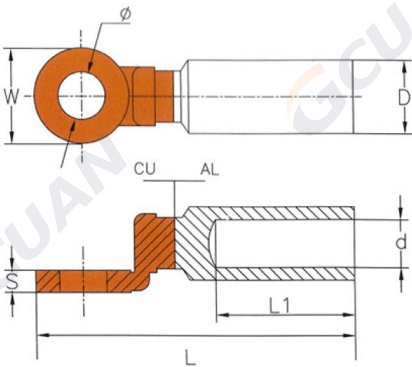
**Application:**

DTL5-Forged Bimetallic Lugs are suitable for connecting ABC cables to transformers, switchgear etc. on the pole top.

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:**

- Aluminum barrel is filled by neutral grease and covered by cap.
- Friction welded



| Type specification | $\Phi$ | D  | d    | L   | L1 | W  | S   |
|--------------------|--------|----|------|-----|----|----|-----|
| DTL-5-16           | 10.5   | 16 | 5.5  | 80  | 40 | 20 | 4.0 |
| DTL-5-25           | 10.5   | 16 | 7.0  | 80  | 40 | 20 | 4.0 |
| DTL-5-35           | 10.5   | 16 | 8.2  | 80  | 40 | 20 | 4.0 |
| DTL-5-50           | 12.8   | 20 | 9.2  | 90  | 43 | 25 | 5.5 |
| DTL-5-70           | 12.8   | 20 | 11.2 | 90  | 43 | 25 | 5.5 |
| DTL-5-95           | 12.8   | 20 | 12.5 | 90  | 43 | 25 | 5.5 |
| DTL-5-120          | 12.8   | 25 | 14   | 112 | 58 | 30 | 6.5 |
| DTL-5-150          | 12.8   | 25 | 16.5 | 112 | 58 | 30 | 6.5 |
| DTL-5-185          | 12.8   | 32 | 18.6 | 122 | 60 | 35 | 7.0 |
| DTL-5-240          | 12.8   | 32 | 20.0 | 122 | 60 | 35 | 7.0 |
| DTL-5-300          | 12.8   | 34 | 23.5 | 125 | 65 | 35 | 7.0 |
| DTL-5-400          | 17.0   | 40 | 26.0 | 160 | 90 | 36 | 7.0 |
| DTL-5-500          | 17.0   | 40 | 29.5 | 160 | 90 | 36 | 7.0 |

# CPTAU Pre-insulated bimetallic lug

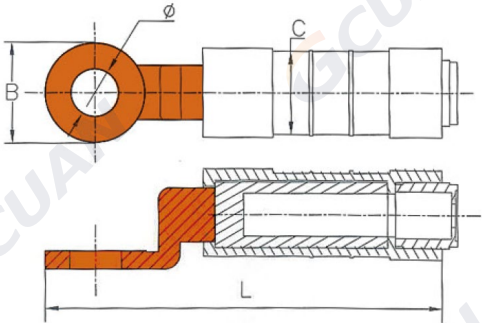
**Application:**

The CPTAU pre-insulated bimetal lug is used to establish connection between LV-ABC cable and electrical equipment.

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:**

- Cross-section of conductor can be easily identified by the color code of elastomeric rings.
- Elastomeric ring and pre-filled grease enable superior waterproof performance.
- Watertightness test carried out at 6kV for 1 minute under water.
- Insulation tube is made of weather and UV resistant polymer.



| Type specification | Dimensions (mm) |    |      | Length (mm) | Color code |
|--------------------|-----------------|----|------|-------------|------------|
|                    | C               | B  | Φ    | L           |            |
| CPTAU16-10         | 16              | 20 | 10.5 | 73          | Blue       |
| CPTAU25-12         | 20              | 24 | 13   | 98.5        | Orange     |
| CPTAU35-12         | 20              | 24 | 13   | 98.5        | Red        |
| CPTAU50-12         | 20              | 24 | 13   | 98.5        | Yellow     |
| CPTAU54.6-12       | 20              | 24 | 13   | 98.5        | Black      |
| CPTAU70-10         | 20              | 24 | 13   | 98.5        | White      |
| CPTAU95-12         | 20              | 24 | 13   | 98.5        | Grey       |
| CPTAU120-12        | 23              | 30 | 13   | 125         | Pink       |
| CPTAU150-12        | 23              | 30 | 13   | 125         | Violet     |

# DTL-7 Bimetallic lug pin type

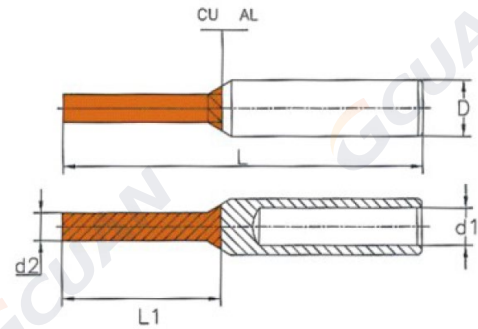
**Application:**

DTL7-Pin Friction Welded Connector is suitable for screwing non-tension Al connections in Cu clamps.

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:**

- Friction welded.
- Aluminum barrel is filled by neutral grease and covered by cap.



| Type specification | d1   | D  | d2 | L1 | L   |
|--------------------|------|----|----|----|-----|
| DTL-7-16           | 6.3  | 12 | 6  | 20 | 58  |
| DTL-7-25           | 7.1  | 12 | 6  | 20 | 58  |
| DTL-7-35           | 8.5  | 14 | 7  | 22 | 71  |
| DTL-7-50           | 10.0 | 16 | 8  | 25 | 74  |
| DTL-7-70           | 11.5 | 18 | 10 | 30 | 87  |
| DTL-7-95           | 13.5 | 22 | 12 | 33 | 91  |
| DTL-7-120          | 15.0 | 23 | 12 | 38 | 96  |
| DTL-7-150          | 18.5 | 25 | 12 | 38 | 106 |
| DTL-7-185          | 19.0 | 27 | 14 | 40 | 118 |
| DTL-7-240          | 21.0 | 32 | 16 | 40 | 128 |

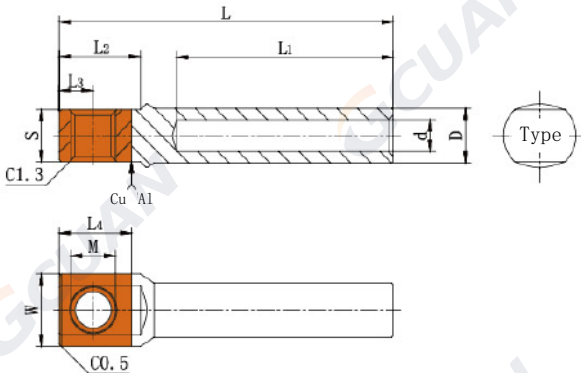
# DTLC Bimetallic lug

**Application:**

Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 25 to 150mm<sup>2</sup>

**Material:** Al≥99.5%, Cu≥99.5%

**Feature:** Friction welded



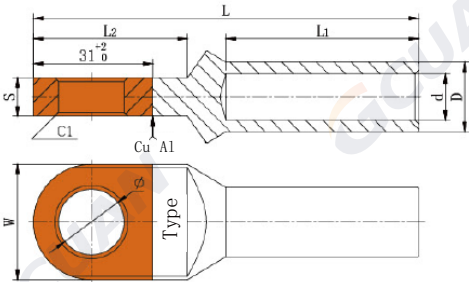
| Type     | M      | D  | d    | L1 | L2 | L3  | L4 | W  | S    | L  |
|----------|--------|----|------|----|----|-----|----|----|------|----|
| DTLC-25  | 3/8-16 | 12 | 7.0  | 48 | 18 | 7.5 | 16 | 16 | 11.5 | 74 |
| DTLC-35  | 3/8-16 | 14 | 8.5  | 48 | 18 | 7.5 | 16 | 16 | 11.5 | 74 |
| DTLC-70  | 3/8-16 | 18 | 12.1 | 48 | 18 | 7.5 | 16 | 16 | 11.5 | 74 |
| DTLC-95  | 3/8-16 | 21 | 13.2 | 48 | 18 | 7.5 | 16 | 16 | 11.5 | 74 |
| DTLC-120 | 3/8-16 | 23 | 15.1 | 48 | 18 | 7.5 | 16 | 16 | 11.5 | 74 |
| DTLC-150 | 3/8-16 | 25 | 16.2 | 48 | 18 | 7.5 | 16 | 16 | 11.5 | 74 |

# DTLO Bimetallic lug

**Application:**  
Used for transition connection of aluminum cable or aluminum alloy cable with copper end of electrical equipment in medium voltage. From 25 to 630mm<sup>2</sup>

**Material:** Al≥99.5%, Cu≥99.9%

**Feature:** Friction welded



| Type     | Φ  | D  | d    | L1 | L2 | W  | S  | L   |
|----------|----|----|------|----|----|----|----|-----|
| DTLO-25  | 17 | 12 | 7.0  | 50 | 40 | 30 | 10 | 100 |
| DTLO-35  | 17 | 14 | 8.5  | 50 | 40 | 30 | 10 | 100 |
| DTLO-50  | 17 | 16 | 9.7  | 50 | 40 | 30 | 10 | 100 |
| DTLO-70  | 17 | 18 | 12.1 | 50 | 40 | 30 | 10 | 100 |
| DTLO-95  | 17 | 21 | 13.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-120 | 17 | 23 | 15.1 | 50 | 40 | 30 | 10 | 100 |
| DTLO-150 | 17 | 25 | 16.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-185 | 17 | 27 | 18.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-240 | 17 | 30 | 20.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-300 | 17 | 34 | 23.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-400 | 17 | 38 | 26.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-500 | 17 | 40 | 29.2 | 50 | 40 | 30 | 10 | 100 |
| DTLO-630 | 17 | 47 | 34.0 | 50 | 40 | 30 | 10 | 105 |

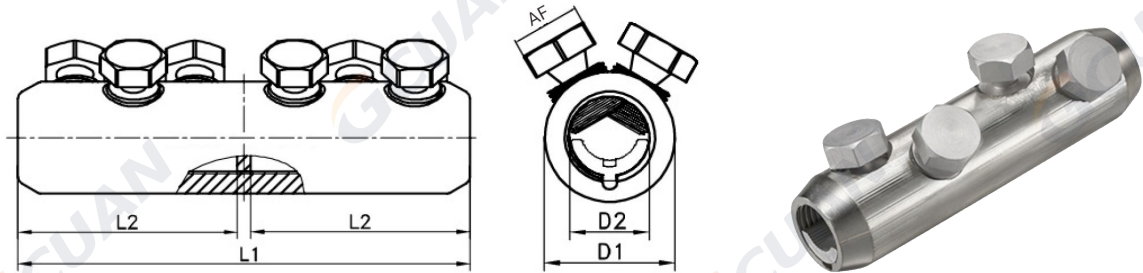
# BSM Mechanical connector

**Application:**

Used for intermediate connection of copper cable, aluminum cable and aluminum alloy cable in low to medium voltage. From 10 to 1000 mm<sup>2</sup>

**Material:**

- Body: High tensile tin-plated aluminum alloy
- Bolts: High tensile strength aluminum alloy



| Type         | Cross Sectional Range (mm <sup>2</sup> ) | Dimensions (mm) |     |    |      | Head Size (AF) | Contact Bolts Quantity |
|--------------|------------------------------------------|-----------------|-----|----|------|----------------|------------------------|
|              |                                          | L1              | L2  | D1 | D2   |                |                        |
| BSM-10/35    | 10-35                                    | 45              | 20  | 19 | 8.5  | 10             | 2                      |
| BSM-25/95    | 25-95                                    | 65              | 30  | 24 | 12.8 | 13             | 2                      |
| BSM-35/150   | 35-150                                   | 80              | 35  | 28 | 15.8 | 17             | 2                      |
| BSM-95/240   | 95-240                                   | 125             | 60  | 33 | 20   | 19             | 4                      |
| BSM-120/300  | 120-300                                  | 140             | 65  | 37 | 24   | 22             | 4                      |
| BSM-185/400  | 185-400                                  | 170             | 80  | 42 | 25.5 | 22             | 6                      |
| BSM-500/630  | 500-630                                  | 200             | 95  | 50 | 33   | 27             | 6                      |
| BSM-800/1000 | 800-1000                                 | 270             | 130 | 56 | 36   | 27             | 8                      |

# BSMB Mechanical connector

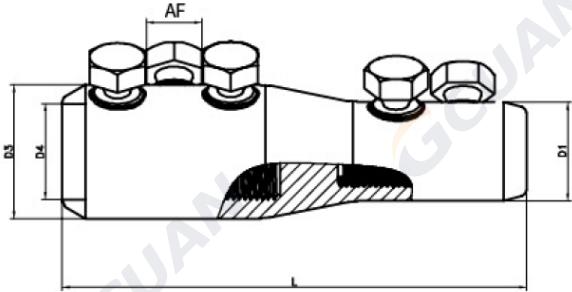
**Application:**  
Used for intermediate connection of copper cable, aluminum cable and aluminum alloy cable in low to medium voltage. From 25 to 1000 mm<sup>2</sup>

**Material:**

- Body: High tensile tin-plated aluminum alloy
- Bolts: High tensile strength aluminum alloy

**Feature:**

- Oil blocking structure



| Product Model       | Wire cross section (mm²) |             | Dimensions (mm) |    |      |    |      | Contact Bolts Quantity |             | Head Size (AF) |             |
|---------------------|--------------------------|-------------|-----------------|----|------|----|------|------------------------|-------------|----------------|-------------|
|                     | Main Line                | Branch Line | L1              | D1 | D2   | D3 | D4   | Main Line              | Branch Line | Main Line      | Branch Line |
| BSMB 25/95-95/240   | 95-240                   | 25-95       | 125             | 24 | 33   | 33 | 20   | 2                      | 1           | 19             | 13          |
| BSMB 95/240-185/400 | 185-400                  | 95-240      | 170             | 33 | 42   | 42 | 25.5 | 3                      | 2           | 22             | 19          |
| BSMB 185/400-500    | 500                      | 185-400     | 190             | 42 | 25.5 | 46 | 30   | 3                      | 3           | 27             | 22          |
| BSMB 185/400-630    | 630                      | 185-400     | 200             | 42 | 50   | 50 | 33   | 3                      | 3           | 27             | 22          |
| BSMB 500-800        | 800                      | 500         | 180             | 46 | 56   | 56 | 36   | 4                      | 3           | 13             | 13          |
| BSMB 630-800        | 800                      | 630         | 180             | 50 | 56   | 56 | 36   | 4                      | 3           | 13             | 13          |
| BSMB 630-1000       | 1000                     | 630         | 180             | 50 | 60   | 60 | 40   | 4                      | 3           | 13             | 13          |
| BSMB 800-1000       | 1000                     | 800         | 180             | 56 | 60   | 60 | 40   | 4                      | 3           | 13             | 13          |
| BSMB 95/240-120/300 | 120-300                  | 95-240      | 140             | 34 | 22   | 37 | 24   | 2                      | 2           | 22             | 19          |
| BSMB 95/240-500     | 500                      | 95-240      | 160             | 34 | 22   | 46 | 30   | 3                      | 2           | 19             | 13          |

# BLMT Mechanical lug

**Application:**

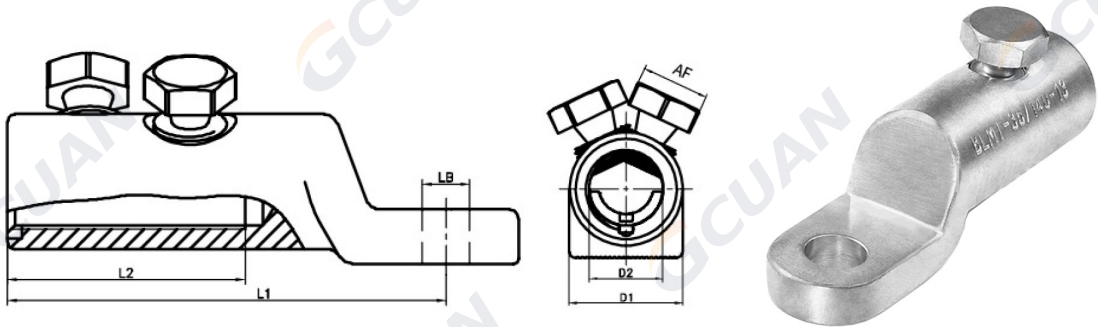
Used for transition connection of copper cable, aluminum cable or aluminum alloy cable with aluminum end of electrical equipment in low to medium voltage, From 10 to 1000mm<sup>2</sup> for Al conductor and 10 to 1000mm<sup>2</sup> for Cu conductor

**Material:**

- Body: High tensile tin-plated aluminum alloy
- Bolts: High tensile strength aluminum alloy

**Feature:**

Specially designed to accommodate both round and sector-shaped conductors.

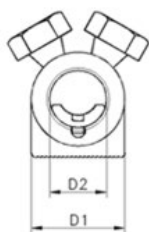


| Type             | Wire cross section (mm <sup>2</sup> ) | Palm Hole Diameter (LB) | Dimensions (mm) |     |    |      | Head Size (AF) | Contact Bolts Quantity |
|------------------|---------------------------------------|-------------------------|-----------------|-----|----|------|----------------|------------------------|
|                  |                                       |                         | L1              | L2  | D1 | D2   |                |                        |
| BLMT-6/50-13     | 6-50                                  | 13                      | 50              | 20  | 10 | 10   | 13             | 1                      |
| BLMT-25/95-13    | 25-95                                 | 13                      | 60              | 30  | 24 | 12.8 | 13             | 1                      |
| BLMT-25/95-17    | 25-95                                 | 17                      | 60              | 30  | 24 | 12.8 | 13             | 1                      |
| BLMT-35/150-13   | 35-150                                | 13                      | 86              | 36  | 28 | 15.8 | 17             | 1                      |
| BLMT-35/150-17   | 35-150                                | 17                      | 86              | 36  | 28 | 15.8 | 17             | 1                      |
| BLMT-95/240-13   | 95-240                                | 13                      | 112             | 60  | 33 | 20   | 19             | 2                      |
| BLMT-95/240-17   | 95-240                                | 17                      | 112             | 60  | 33 | 20   | 19             | 2                      |
| BLMT-95/240-21   | 95-240                                | 21                      | 112             | 60  | 33 | 20   | 19             | 2                      |
| BLMT-120/300-13  | 120-300                               | 13                      | 120             | 65  | 37 | 24   | 22             | 2                      |
| BLMT-120/300-17  | 120-300                               | 17                      | 120             | 65  | 37 | 24   | 22             | 2                      |
| BLMT-185/400-13  | 185-400                               | 13                      | 137             | 80  | 42 | 25.5 | 22             | 3                      |
| BLMT-185/400-17  | 185-400                               | 17                      | 137             | 80  | 42 | 25.5 | 22             | 3                      |
| BLMT-185/400-21  | 185-400                               | 21                      | 137             | 80  | 42 | 25.5 | 22             | 3                      |
| BLMT-500/630-13  | 500-630                               | 13                      | 150             | 95  | 50 | 33   | 27             | 3                      |
| BLMT-500/630-17  | 500-630                               | 17                      | 150             | 95  | 50 | 33   | 27             | 3                      |
| BLMT-500/630-21  | 500-630                               | 21                      | 150             | 95  | 50 | 33   | 27             | 3                      |
| BLMT-630/800-13  | 630-800                               | 13                      | 180             | 105 | 61 | 40.5 | 19             | 4                      |
| BLMT-630/800-17  | 630-800                               | 17                      | 180             | 105 | 61 | 40.5 | 19             | 4                      |
| BLMT-800/1000-17 | 800-1000                              | 17                      | 153             | 86  | 60 | 40   | 13             | 4                      |
| BLMT-1500-17     | 1500                                  | 17                      | 200             | 120 | 65 | 46   | 19             | 4                      |

Used for transition connection of copper cable, aluminum cable or aluminum alloy cable with aluminum end of electrical equipment in low to medium voltage, From 25 to 1000mm<sup>2</sup> for Al conductor and 25 to 1000mm<sup>2</sup> for Cu conductor

- Body: High tensile tin-plated aluminum alloy
- Bolts: High tensile strength aluminum alloy

Specially designed to accommodate both round and sector-shaped conductors.



Note: Items marked with \* are customized products.

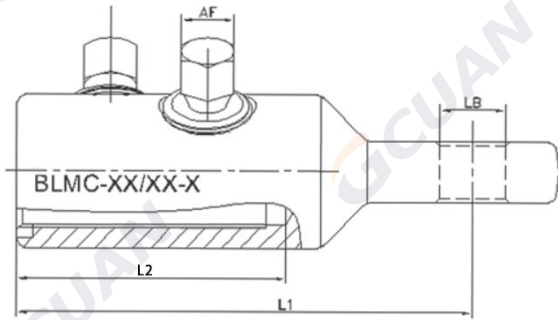
# BLMC Mechanical lug

**Application:**

Used for intermediate connection of copper cable, aluminum cable and aluminum alloy cable in low to medium voltage. From 25 to 630mm<sup>2</sup>

**Material:**

- Body: High tensile tin-plated aluminum alloy
- Bolts: High tensile strength aluminum alloy

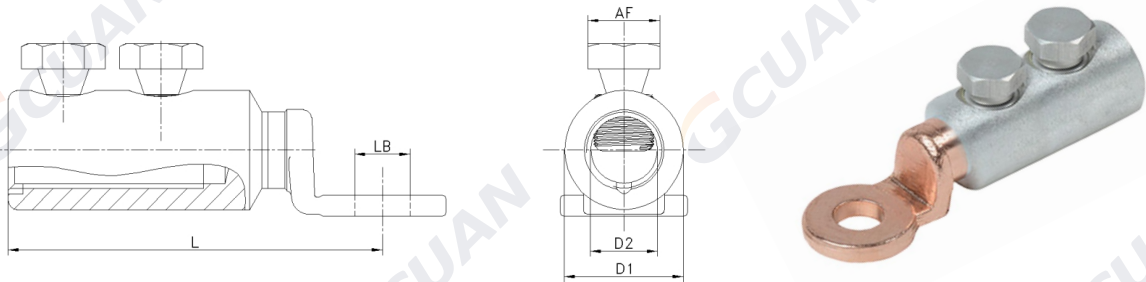


| Type         | Wire cross section (mm <sup>2</sup> ) | Contact Bolts Quantity | Head Size (AF) | Palm Hole Diameter (LB) | Dimensions (mm) |      |      |      |
|--------------|---------------------------------------|------------------------|----------------|-------------------------|-----------------|------|------|------|
|              |                                       |                        |                |                         | L1              | L2   | D1   | D2   |
| BLMC-25/95   | 25-95                                 | 1                      | 13             | 16.3                    | 77.5            | 31.5 | 12.8 | 29   |
| BLMC-95/240  | 95-240                                | 2                      | 13             | 16.3                    | 107.5           | 61.5 | 20   | 34.5 |
| BLMC-120/300 | 120-300                               | 2                      | 13             | 16.3                    | 112.5           | 66.5 | 24   | 38   |
| BLMC-185/400 | 185-400                               | 3                      | 13             | 16.3                    | 155             | 100  | 25.5 | 50   |
| BLMC-500/630 | 500-630                               | 3                      | 27             | 16.3                    | 155             | 100  | 33   | 50   |

# DTLL Mechanical lug

**Application:**  
Used for connecting conductors to flat-plate electrical equipment in power distribution lines with rated voltages of 35KV and below, serving as a copper-aluminum transition terminal. Suitable for aluminum and aluminum alloy conductors.

- Feature:**
- High Mechanical Strength: Made of high-strength aluminum alloy and T2 copper, heat-treated and welded, with a tensile strength of up to 260MPa.
  - Excellent Electrical Performance: Passed 1,000 thermal cycles and 6 short-circuit tests.
  - Span-Type Design: One model fits multiple cable diameters, reducing inventory requirements.
  - Constant Crimping Force: Torque bolts feature a preset shear torque; the hex head automatically breaks when reached without damaging the conductor.
  - Easy Installation: Can be installed using a wrench or socket wrench.
  - Extended Lifespan: Oil-blocking design with internal conductive paste reduces contact resistance, resists oxidation, and prevents corrosion.



| Type             | Cable range (mm²) | Dimensions (mm) |    |      | Palm Hole Diameter LB (mm) | Contact Bolts Quantity | Bolt head size AF(mm) |
|------------------|-------------------|-----------------|----|------|----------------------------|------------------------|-----------------------|
|                  |                   | L               | D1 | D2   |                            |                        |                       |
| DTLL16-95-12/1   | 16-95             | 68              | 24 | 12.8 | 13                         | 1                      | 13                    |
| DTLL50-150-12/2  | 50-150            | 88              | 28 | 15.8 | 13                         | 2                      | 17                    |
| DTLL50-150-16/2  | 50-150            | 88              | 28 | 15.8 | 17                         | 2                      | 17                    |
| DTLL70-240-12/2  | 70-240            | 114.5           | 33 | 20   | 13                         | 2                      | 19                    |
| DTLL70-240-16/2  | 70-240            | 114.5           | 33 | 20   | 17                         | 2                      | 19                    |
| DTLL120-300-12/2 | 120-300           | 122             | 38 | 24   | 13                         | 2                      | 22                    |
| DTLL120-300-16/2 | 120-300           | 122             | 38 | 24   | 17                         | 2                      | 22                    |
| DTLL185-400-12/3 | 185-400           | 142             | 42 | 25.5 | 13                         | 3                      | 22                    |
| DTLL185-400-16/3 | 185-400           | 142             | 42 | 25.5 | 17                         | 3                      | 22                    |

# COLD-PRESSED TERMINALS AND CONNECTORS



**Ring Terminal 54-77**

-  Vinyl Insulated-single Crimp Ring Terminals
-  Easy Entry Insulated Ring Terminals
-  Nylon Insulated-single Crimp Ring Terminals
-  Nylon Insulated-single Crimp 90° Ring Terminals
-  Non-insulated With Brazed Seam Ring Terminals
-  Non-insulated With Brazed Seam 90° Ring Terminals

**Spade Terminal 78-89**

-  Vinyl Insulated-single Crimp Spade Terminals
-  Easy Entry Insulated Spade Terminals
-  Nylon Insulated-single Crimp Spade Terminals
-  Nylon Insulated-single Crimp 90° Spade Terminals
-  Non-insulated With Brazed Seam Spade Terminals
-  Non-insulated With Brazed Seam 90° Spade Terminals

**Locking Spade Terminal 90-92**

-  Vinyl Insulated-single Crimp Locking Spade Terminals
-  Nylon Insulated-single Crimp Locking Spade Terminals
-  Non-insulated With Brazed Seam Locking Spade Terminals

**Pin Terminal 93-96**

-  Vinyl Insulated-single Crimp Pin Terminals
-  Nylon Insulated-single Crimp Pin Terminals
-  Non-insulated With Brazed Seam Pin Terminals

**Blade Terminal 97-99**

-  Vinyl Insulated-single Crimp Blade Terminals
-  Nylon Insulated-single Crimp Blade Terminals
-  Non-insulated With Brazed Seam Blade Terminals

**Flange Spade Terminal 100-101**

-  Vinyl Insulated-single Crimp Flange Spade Terminals
-  Nylon Insulated-single Crimp Flange Spade Terminals

**Hook Terminal 102-104**

-  Vinyl Insulated-single Crimp Hook Terminals
-  Nylon Insulated-single Crimp Hook Terminals
-  Non-insulated With Brazed Seam Hook Terminals

**Lipped Blade Terminal 105-106**

-  Vinyl Insulated-single Crimp Lipped Blade Terminals
-  Nylon Insulated-single Crimp Lipped Blade Terminals

**Cord-pressed Terminal 107-113**

-  Vinyl Insulated Cord End Terminals
-  Vinyl Insulated Cord End Terminals twin cables type
-  Non-insulated Cord End Terminals

**Non-insulated With Brazed Seam Terminal 114-118**

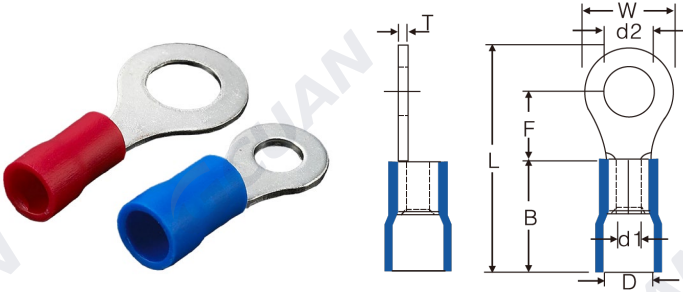
-  Square Tongue Terminals
-  C45 Plug-in Needle
-  Terminal Block Tabs Quick Disconnects
-  T45° Copper Tube Terminals
-  T90° Copper Tube Terminals

# Vinyl Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



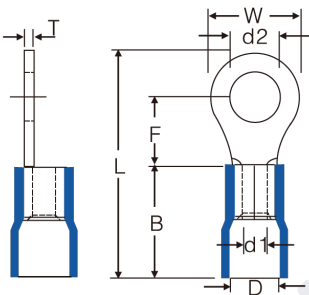
| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color | Tools             | Explanation                                                 |
|--------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|-------|-------------------|-------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |       |                   |                                                             |
| RV 1.25-2    | 2         | #2       | 2.2            | 5.5  | 5.0  | 17.8 | 10.0 | 4.2 | 1.8 | 0.75 | 1000         | Red   | LY-03C<br>red jaw | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| RV 1.25-2.5  | 2.5       | #3       | 2.7            | 5.5  | 5.0  | 18.1 |      |     |     |      |              |       |                   |                                                             |
| RV 1.25-3    | 3         | #4       | 3.2            | 5.5  | 5.0  | 18.2 |      |     |     |      |              |       |                   |                                                             |
| RVS 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                   |                                                             |
| RVM 1.25-3.5 | 3.5       | #6       | 3.7            | 6.6  | 6.3  | 19.6 |      |     |     |      |              |       |                   |                                                             |
| RVL 1.25-3.5 | 3.5       | #6       | 3.7            | 7.2  | 7.0  | 20.7 |      |     |     |      |              |       |                   |                                                             |
| RVS 1.25-4   | 4         | #8       | 4.3            | 6.6  | 6.3  | 19.6 |      |     |     |      |              |       |                   |                                                             |
| RVL 1.25-4   | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |       |                   |                                                             |
| RVS 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                   |                                                             |
| RVL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 8.0  | 22.7 |      |     |     |      |              |       |                   |                                                             |
| RVLL 1.25-5  | 5         | #10      | 5.3            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                   |                                                             |
| RVS 1.25-6   | 6         | 1/4"     | 6.4            | 10.2 | 8.0  | 23.2 |      |     |     |      |              |       |                   |                                                             |
| RVL 1.25-6   | 6         | 1/4"     | 6.4            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                   |                                                             |
| RV 1.25-7    | 7         | 5/16"    | 7.4            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                   |                                                             |
| RVS 1.25-8   | 8         | 5/16"    | 8.4            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                   |                                                             |
| RVL 1.25-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.7 | 29.9 |      |     |     |      |              |       |                   |                                                             |
| RVS 1.25-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.9 | 30.2 |      |     |     |      |              |       |                   |                                                             |
| RVL 1.25-10  | 10        | 3/8"     | 10.5           | 18.0 | 16.0 | 33.0 |      |     |     |      |              |       |                   |                                                             |
| RV 1.25-12   | 12        | 1/2"     | 13.0           | 18.0 | 16.0 | 34.1 |      |     |     |      | 500          |       |                   |                                                             |
| RV 1.25-13   | 13        | 9/16"    | 14.0           | 18.0 | 16.0 | 35.6 |      |     |     |      |              |       |                   |                                                             |
| RV 1.25-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.0 | 35.6 |      |     |     |      |              |       |                   |                                                             |
| RV 1.25-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 44.5 |      |     |     |      |              |       |                   |                                                             |
| RV 1.25-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 44.5 |      |     |     |      | 250          |       |                   |                                                             |
| RV 1.25-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 44.5 |      |     |     |      |              |       |                   |                                                             |

# Vinyl Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance: 75°C**



| Item No.  | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |     | Pcs/<br>Pack | Color | Tools                | Explanation                                                |
|-----------|-----------|----------|----------------|------|------|------|------|-----|-----|-----|--------------|-------|----------------------|------------------------------------------------------------|
|           | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T   |              |       |                      |                                                            |
| RV 2-2    | 2         | #2       | 2.2            | 6.6  | 4.8  | 18.2 | 10.0 | 4.9 | 2.3 | 0.8 | 1000         | Blue  | LY-03C<br>blue jaw   | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| RV 2-3    | 3         | #4       | 3.2            |      |      |      |      |     |     |     |              |       |                      |                                                            |
| RVS 2-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |     |              |       |                      |                                                            |
| RVM 2-3.5 | 3.5       | #6       | 3.7            |      | 6.4  | 19.9 |      |     |     |     |              |       |                      |                                                            |
| RVL 2-3.5 | 3.5       | #6       | 3.7            | 8.5  | 7.8  | 22.0 |      |     |     |     |              |       |                      |                                                            |
| RVS 2-4   | 4         | #8       | 4.3            | 6.6  | 7.0  | 19.7 |      |     |     |     |              |       |                      |                                                            |
| RVL 2-4   | 4         | #8       | 4.3            | 8.5  | 7.8  | 22.0 |      |     |     |     |              |       |                      |                                                            |
| RVS 2-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |     |              |       |                      |                                                            |
| RVL 2-5   | 5         | #10      | 5.3            | 9.5  | 7.8  |      |      |     |     |     |              |       |                      |                                                            |
| RVS 2-6   | 6         | 1/4"     | 6.4            | 10.2 | 10.0 | 25.5 |      |     |     |     |              |       |                      |                                                            |
| RVL 2-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 26.6 |      |     |     |     |              |       |                      |                                                            |
| RVS 2-8   | 8         | 5/16"    | 8.4            | 12.0 | 10.8 | 27.0 |      |     |     |     |              |       |                      |                                                            |
| RVL 2-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.6 | 30.2 |      |     |     |     |              |       |                      |                                                            |
| RV 2-9    | 9         | 5/16"    | 9.8            | 13.6 | 13.9 | 30.7 |      |     |     |     |              |       |                      |                                                            |
| RVS 2-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.5 | 30.2 |      |     |     |     |              |       |                      |                                                            |
| RVL 2-10  | 10        | 3/8"     | 10.5           | 18.0 | 14.8 | 33.8 |      |     |     |     |              |       |                      |                                                            |
| RV 2-12   | 12        | 1/2"     | 13.0           | 18.0 | 14.8 | 34.0 |      |     |     |     |              |       |                      |                                                            |
| RV 2-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.4 | 44.9 |      |     |     |     |              |       |                      |                                                            |
| RV 2-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 44.9 |      |     |     |     |              |       |                      |                                                            |
| RV 2-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 44.9 |      |     |     |     |              |       |                      |                                                            |
| RV 2-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 44.9 |      |     |     |     |              |       |                      |                                                            |
| RVS 3.5-3 | 3         | #4       | 3.2            | 5.5  | 7.7  | 23.8 | 12.5 | 6.2 | 3.0 | 1.0 | 500          | Black | LY-03C<br>yellow jaw | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A   |
| RV 3.5-3  | 3         | #4       | 3.2            | 6.6  | 7.7  | 23.8 |      |     |     |     |              |       |                      |                                                            |
| RVS 3.5-4 | 4         | #8       | 4.3            | 6.6  | 7.7  | 23.8 |      |     |     |     |              |       |                      |                                                            |
| RV 3.5-4  | 4         | #8       | 4.3            | 8.0  | 7.7  | 24.5 |      |     |     |     |              |       |                      |                                                            |
| RVS 3.5-5 | 5         | #10      | 5.3            | 8.0  | 7.7  | 24.5 |      |     |     |     |              |       |                      |                                                            |
| RVM 3.5-5 | 5         | #10      | 5.3            | 9.5  | 8.3  | 25.8 |      |     |     |     |              |       |                      |                                                            |
| RVL 3.5-5 | 5         | #10      | 5.3            | 12.0 | 9.4  | 27.9 |      |     |     |     |              |       |                      |                                                            |
| RV 3.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 9.4  | 27.9 |      |     |     |     |              |       |                      |                                                            |
| RV 3.5-8  | 8         | 5/16"    | 8.4            | 15.0 | 12.5 | 32.7 |      |     |     |     |              |       |                      |                                                            |
| RV 3.5-10 | 10        | 3/8"     | 10.5           | 15.0 | 12.5 | 32.7 |      |     |     |     |              |       |                      |                                                            |
| RV 3.5-12 | 12        | 1/2"     | 13.0           | 19.2 | 15.8 | 38.1 |      |     |     |     |              |       |                      |                                                            |

# Vinyl Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



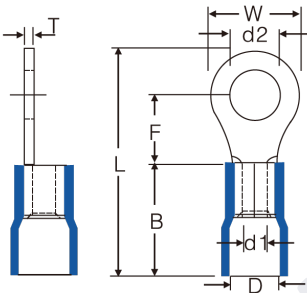
| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |     | Pcs/<br>Pack | Color  | Tools                   | Explanation                                            |
|------------|-----------|----------|----------------|------|------|------|------|-----|-----|-----|--------------|--------|-------------------------|--------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T   |              |        |                         |                                                        |
| RV 5.5-3   | 3         | #4       | 3.2            | 7.2  |      |      |      |     |     |     | 500          | Yellow | LY-03C<br>yellow<br>jaw | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A |
| RV 5.5-3.5 | 3.5       | #6       | 3.7            | 7.2  | 6.0  | 22.7 |      |     |     |     |              |        |                         |                                                        |
| RVS 5.5-4  | 4         | #8       | 4.3            | 7.2  |      |      |      |     |     |     |              |        |                         |                                                        |
| RVL 5.5-4  | 4         | #8       | 4.3            |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-5   | 5         | #10      | 5.3            | 9.5  | 9.1  | 26.6 |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-6   | 6         | 1/4"     | 6.4            | 12.2 | 10.5 | 29.5 |      |     |     |     |              |        |                         |                                                        |
| RVL 5.5-6  | 6         | 1/4"     | 6.4            | 11.8 | 13.6 | 32.6 |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-8   | 8         | 5/16"    | 8.4            |      | 13.0 | 33.8 | 13.0 | 6.6 | 3.4 | 1.0 |              |        |                         |                                                        |
| RV 5.5-10  | 10        | 3/8"     | 10.5           | 15.0 | 13.5 | 33.8 |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-12  | 12        | 1/2"     | 13.0           | 19.2 | 16.0 | 39.0 |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-13  | 13        | 9/16"    | 14.0           | 19.2 | 16.0 | 39.0 |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-14  | 14        | 9/16"    | 15.0           |      |      |      |      |     |     |     | 250          | Yellow | LY-03C<br>yellow<br>jaw | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A |
| RV 5.5-16  | 16        | 5/8"     | 17.0           |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-18  | 18        | 11/16"   | 19.0           | 27.0 | 23.8 | 50.7 |      |     |     |     |              |        |                         |                                                        |
| RV 5.5-20  | 20        | 3/4"     | 21.0           |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 8-3.5   | 3.5       | #6       | 3.7            | 8.8  | 9.3  | 31.3 |      |     |     |     | 250          | Red    | /                       | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A    |
| RVS 8-4    | 4         | #8       | 4.3            | 8.8  | 10.5 | 31.3 |      |     |     |     |              |        |                         |                                                        |
| RVL 8-4    | 4         | #8       | 4.3            | 12.0 | 9.3  |      |      |     |     |     |              |        |                         |                                                        |
| RVS 8-5    | 5         | #10      | 5.3            | 8.8  | 10.5 | 31.3 |      |     |     |     |              |        |                         |                                                        |
| RVM 8-5    | 5         | #10      | 5.3            | 12.0 | 9.3  |      |      |     |     |     |              |        |                         |                                                        |
| RVL 8-5    | 5         | #10      | 5.3            | 15.0 | 13.8 | 38.1 |      |     |     |     |              |        |                         |                                                        |
| RVS 8-6    | 6         | 1/4"     | 6.4            | 12.0 | 9.3  | 31.1 |      |     |     |     |              |        |                         |                                                        |
| RVL 8-6    | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 8-8     | 8         | 5/16"    | 8.4            | 15.0 | 13.8 | 37.5 | 15.5 | 8.0 | 4.5 | 1.2 |              |        |                         |                                                        |
| RV 8-10    | 10        | 3/8"     | 10.5           | 15.0 | 13.8 | 37.5 |      |     |     |     |              |        |                         |                                                        |
| RV 8-11    | 11        | 7/16"    | 11.5           | 20.0 | 15.3 | 47.0 |      |     |     |     |              |        |                         |                                                        |
| RV 8-12    | 12        | 1/2"     | 13.0           | 22.0 | 15.0 | 47.0 |      |     |     |     | 200          | Red    | /                       | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A    |
| RV 8-14    | 14        | 9/16"    | 15.0           |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 8-16    | 16        | 5/8"     | 17.0           |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 8-18    | 18        | 11/16"   | 19.0           | 31.6 | 25.6 | 57.0 |      |     |     |     |              |        |                         |                                                        |
| RV 8-20    | 20        | 3/4"     | 21.0           |      |      |      |      |     |     |     |              |        |                         |                                                        |
| RV 8-22    | 22        | 7/8"     | 23.0           |      |      |      |      |     |     |     |              |        |                         |                                                        |

# Vinyl Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



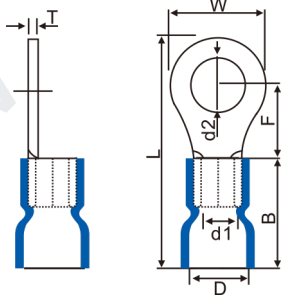
| Item No. | Stud Size |          | Dimension (mm) |      |      |      |      |      |     |        | Pcs/<br>Pack | Color | Tools                                                 | Explanation                                          |
|----------|-----------|----------|----------------|------|------|------|------|------|-----|--------|--------------|-------|-------------------------------------------------------|------------------------------------------------------|
|          | Metric    | American | d2             | W    | F    | L    | B    | D    | d1  | T      |              |       |                                                       |                                                      |
| RV 14-4  | 4         | #8       | 4.3            | 12.0 | 13.3 | 41.3 | 22.0 | 10.5 | 5.8 | 1.5    | 200          | Blue  | /                                                     | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current=88A |
| RV 14-5  | 5         | #10      | 5.3            |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RVS 14-6 | 6         | 1/4"     | 6.4            |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RVL 14-6 | 6         | 1/4"     | 6.4            | 16.0 | 14.2 | 44.0 |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-11 | 11        | 7/16"    | 11.5           | 22.0 | 19.8 | 53.5 |      |      |     |        | 100          |       |                                                       |                                                      |
| RV 14-12 | 12        | 1/2"     | 13.0           |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-14 | 14        | 9/16"    | 15.0           |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-16 | 16        | 5/8"     | 17.0           | 31.6 | 25.3 | 62.5 |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-18 | 18        | 11/16"   | 19.0           |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-20 | 20        | 3/4"     | 21.0           |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RV 14-22 | 22        | 7/8"     | 23.0           |      |      |      |      |      |     |        |              |       |                                                       |                                                      |
| RVS 22-6 | 6         | 1/4"     | 6.4            | 23.3 | 13.4 | 44.3 | 7.7  | 1.7  | 100 | Yellow |              | /     | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current=115A |                                                      |
| RV 22-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |     |        |              |       |                                                       | 16.5                                                 |

# Easy Entry Insulated Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance: 75°C**



E Cold-pressed Terminals

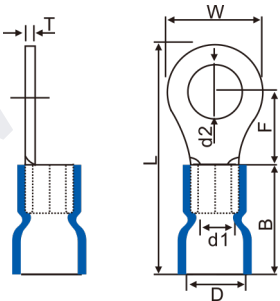
| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color | Tools              | Explanation                                                 |
|--------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|-------|--------------------|-------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |       |                    |                                                             |
| RE 1.25-2    | 2         | #2       | 2.2            | 5.5  | 5.0  | 17.8 | 10.0 | 4.2 | 1.8 | 0.75 | 1000         | Red   | LY-03C<br>red jaw  | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| RE 1.25-2.5  | 2.5       | #3       | 2.7            | 5.5  | 5.0  | 18.1 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-3    | 3         | #4       | 3.2            | 5.5  | 5.0  | 18.2 |      |     |     |      |              |       |                    |                                                             |
| RES 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                    |                                                             |
| REM 1.25-3.5 | 3.5       | #6       | 3.7            | 6.6  | 6.3  | 19.6 |      |     |     |      |              |       |                    |                                                             |
| REL 1.25-3.5 | 3.5       | #6       | 3.7            | 7.2  | 7.0  | 20.7 |      |     |     |      |              |       |                    |                                                             |
| RES 1.25-4   | 4         | #8       | 4.3            | 6.6  | 6.3  | 19.6 |      |     |     |      |              |       |                    |                                                             |
| REL 1.25-4   | 4         | #8       | 4.3            | 8.0  | 7.0  | 21.0 |      |     |     |      |              |       |                    |                                                             |
| RES 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                             |
| REL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 8.0  | 22.7 |      |     |     |      |              |       |                    |                                                             |
| RELL 1.25-5  | 5         | #10      | 5.3            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                    |                                                             |
| RES 1.25-6   | 6         | 1/4"     | 6.4            | 10.2 | 8.0  | 23.2 |      |     |     |      |              |       |                    |                                                             |
| REL 1.25-6   | 6         | 1/4"     | 6.4            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-7    | 7         | 5/16"    | 7.4            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                    |                                                             |
| RES 1.25-8   | 8         | 5/16"    | 8.4            | 11.6 | 11.0 | 27.0 |      |     |     |      |              |       |                    |                                                             |
| REL 1.25-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.7 | 29.9 |      |     |     |      |              |       |                    |                                                             |
| RES 1.25-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.9 | 30.2 |      |     |     |      |              |       |                    |                                                             |
| REL 1.25-10  | 10        | 3/8"     | 10.5           | 18.0 | 16.0 | 33.0 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-12   | 12        | 1/2"     | 13.0           | 18.0 | 16.0 | 34.1 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-13   | 13        | 9/16"    | 14.0           | 18.0 | 16.0 | 35.6 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.0 | 35.6 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 44.5 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 44.5 |      |     |     |      |              |       |                    |                                                             |
| RE 1.25-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 44.5 |      |     |     |      |              |       |                    |                                                             |
| RE 2-2       | 2         | #2       | 2.2            | 6.6  |      |      | 10.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue  | LY-03C<br>blue jaw | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| RE 2-3       | 3         | #4       | 3.2            |      | 4.8  | 18.2 |      |     |     |      |              |       |                    |                                                             |
| RES 2-3.5    | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                    |                                                             |
| REM 2-3.5    | 3.5       | #6       | 3.7            |      | 6.4  | 19.9 |      |     |     |      |              |       |                    |                                                             |
| REL 2-3.5    | 3.5       | #6       | 3.7            | 8.5  | 7.8  | 22.0 |      |     |     |      |              |       |                    |                                                             |
| RES 2-4      | 4         | #8       | 4.3            | 6.6  | 7.0  | 19.7 |      |     |     |      |              |       |                    |                                                             |
| REL 2-4      | 4         | #8       | 4.3            | 8.5  | 7.8  |      |      |     |     |      |              |       |                    |                                                             |
| RES 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                             |
| REL 2-5      | 5         | #10      | 5.3            | 9.5  | 7.8  |      |      |     |     |      |              |       |                    |                                                             |
| RES 2-6      | 6         | 1/4"     | 6.4            | 10.2 | 10.0 | 25.5 |      |     |     |      |              |       |                    |                                                             |
| REL 2-6      | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 26.6 |      |     |     |      |              |       |                    |                                                             |

# Easy Entry Insulated Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance: 75°C**



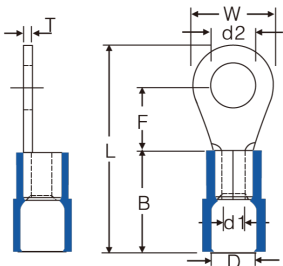
| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |     | Pcs/<br>Pack | Color  | Tools                | Explanation                                                |
|------------|-----------|----------|----------------|------|------|------|------|-----|-----|-----|--------------|--------|----------------------|------------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T   |              |        |                      |                                                            |
| RES 2-8    | 8         | 5/16"    | 8.4            | 12.0 | 10.8 | 27.0 | 10.0 | 4.9 | 2.3 | 0.8 | 1000         | Blue   | LY-03C<br>blue jaw   | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| REL 2-8    | 8         | 5/16"    | 8.4            | 14.5 | 12.6 | 30.2 |      |     |     |     | 500          |        |                      |                                                            |
| RE 2-9     | 9         | 5/16"    | 9.8            | 13.6 | 13.9 | 30.7 |      |     |     |     | 1000         |        |                      |                                                            |
| RES 2-10   | 10        | 3/8"     | 10.5           | 13.6 | 13.5 | 30.2 |      |     |     |     | 500          |        |                      |                                                            |
| REL 2-10   | 10        | 3/8"     | 10.5           | 18.0 | 14.8 | 33.8 |      |     |     |     |              |        |                      |                                                            |
| RE 2-12    | 12        | 1/2"     | 13.0           | 18.0 | 14.8 | 34.0 |      |     |     |     |              |        |                      |                                                            |
| RE 2-14    | 14        | 9/16"    | 15.0           | 27.0 | 21.4 | 44.9 |      |     |     |     |              |        |                      |                                                            |
| RE 2-16    | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 44.9 |      |     |     |     |              |        |                      |                                                            |
| RE 2-18    | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 44.9 | 250  |     |     |     |              |        |                      |                                                            |
| RE 2-20    | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 44.9 |      |     |     |     |              |        |                      |                                                            |
| RES 3.5-3  | 3         | #4       | 3.2            | 5.5  | 7.7  | 23.8 | 12.5 | 6.2 | 3.0 | 1.0 | 500          | Black  | LY-03C<br>yellow jaw | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A   |
| RE 3.5-3   | 3         | #4       | 3.2            | 6.6  | 7.7  | 23.8 |      |     |     |     |              |        |                      |                                                            |
| RES 3.5-4  | 4         | #8       | 4.3            | 6.6  | 7.7  | 23.8 |      |     |     |     |              |        |                      |                                                            |
| RE 3.5-4   | 4         | #8       | 4.3            | 8.0  | 7.7  | 24.5 |      |     |     |     |              |        |                      |                                                            |
| RES 3.5-5  | 5         | #10      | 5.3            | 8.0  | 7.7  | 24.5 |      |     |     |     |              |        |                      |                                                            |
| REM 3.5-5  | 5         | #10      | 5.3            | 9.5  | 8.3  | 25.8 |      |     |     |     |              |        |                      |                                                            |
| REL 3.5-5  | 5         | #10      | 5.3            | 12.0 | 9.4  | 27.9 |      |     |     |     |              |        |                      |                                                            |
| RE 3.5-6   | 6         | 1/4"     | 6.4            | 12.0 | 9.4  | 27.9 |      |     |     |     |              |        |                      |                                                            |
| RE 3.5-8   | 8         | 5/16"    | 8.4            | 15.0 | 12.5 | 32.7 | 13.0 | 6.6 | 3.4 | 1.0 | 500          | Yellow | LY-03C<br>yellow jaw | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A     |
| RE 3.5-10  | 10        | 3/8"     | 10.5           | 15.0 | 12.5 | 32.7 |      |     |     |     |              |        |                      |                                                            |
| RE 3.5-12  | 12        | 1/2"     | 13.0           | 19.2 | 15.8 | 38.1 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-3   | 3         | #4       | 3.2            | 7.2  |      |      |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-3.5 | 3.5       | #6       | 3.7            | 7.2  | 6.0  | 22.7 | 13.0 | 6.6 | 3.4 | 1.0 |              |        |                      |                                                            |
| RES 5.5-4  | 4         | #8       | 4.3            | 7.2  |      |      |      |     |     |     |              |        |                      |                                                            |
| REL 5.5-4  | 4         | #8       | 4.3            | 9.5  | 9.1  | 26.6 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-6   | 6         | 1/4"     | 6.4            | 12.2 | 10.5 | 29.5 |      |     |     |     |              |        |                      |                                                            |
| REL 5.5-6  | 6         | 1/4"     | 6.4            | 11.8 | 13.6 | 32.6 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-8   | 8         | 5/16"    | 8.4            | 15.0 | 13.0 | 33.8 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-10  | 10        | 3/8"     | 10.5           | 15.0 | 13.5 | 33.8 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-12  | 12        | 1/2"     | 13.0           | 19.2 | 16.0 | 39.0 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-13  | 13        | 9/16"    | 14.0           | 19.2 | 16.0 | 39.0 |      |     |     |     | 250          |        |                      |                                                            |
| RE 5.5-14  | 14        | 9/16"    | 15.0           | 27.0 | 23.8 | 50.7 |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-16  | 16        | 5/8"     | 17.0           |      |      |      |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-18  | 18        | 11/16"   | 19.0           |      |      |      |      |     |     |     |              |        |                      |                                                            |
| RE 5.5-20  | 20        | 3/4"     | 21.0           |      |      |      |      |     |     |     |              |        |                      |                                                            |

# Nylon Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



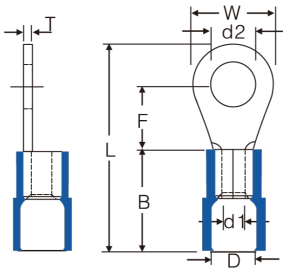
| Item No.       | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools             | Explanation                                                |  |  |  |
|----------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|--------|-------------------|------------------------------------------------------------|--|--|--|
|                | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |        |                   |                                                            |  |  |  |
| DRNYB 0.5-2    | 2         | #2       | 2.2            | 5.0  | 6.0  | 16.9 | 7.7  | 2.8 | 1.2 | 0.5  | 1000         | Yellow | /                 | Wire range:0.2-0.5mm²<br>A.W.G.: (26-22)<br>Max.current=9A |  |  |  |
| DRNYB 0.5-2.5  | 2.5       | #3       | 2.7            | 5.0  | 6.0  | 19.6 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYB 0.5-3    | 3         | #4       | 3.2            | 5.0  | 6.0  | 16.4 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYB 0.5-3.5  | 3.5       | #6       | 3.7            | 6.0  | 6.0  | 16.4 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYB 0.5-4    | 4         | #8       | 4.3            | 6.5  | 6.0  | 16.4 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYBL 0.5-4   | 4         | #8       | 4.3            | 8.0  | 7.0  | 16.9 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYB 0.5-5    | 5         | #10      | 5.3            | 8.0  | 7.0  | 19.6 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYBS 0.5-6   | 6         | 1/4"     | 6.4            | 10.2 | 8.0  | 20.4 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| DRNYBL 0.5-6   | 6         | 1/4"     | 6.4            | 11.6 | 11.0 | 24.7 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-2    | 2         | #2       | 2.2            | 5.5  | 5.0  | 18.3 | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | LY-03C<br>red jaw | Wire range:0.5-1.5mm²<br>A.W.G.(22-16)<br>Max.current=19A  |  |  |  |
| RNYB 1.25-2.5  | 2.5       | #3       | 2.7            | 5.5  | 5.0  | 18.6 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-3    | 3         | #4       | 3.2            | 5.5  | 5.0  | 18.7 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBS 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBM 1.25-3.5 | 3.5       | #6       | 3.7            | 6.6  | 6.3  | 20.1 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBL 1.25-3.5 | 3.5       | #6       | 3.7            | 7.2  | 7.0  | 21.2 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBS 1.25-4   | 4         | #8       | 4.3            | 6.6  | 6.3  | 20.1 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBL 1.25-4   | 4         | #8       | 4.3            | 8.0  | 7.0  | 21.5 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBS 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 8.0  | 23.2 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBLL 1.25-5  | 5         | #10      | 5.3            | 11.6 | 11.0 | 27.5 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBS 1.25-6   | 6         | 1/4"     | 6.4            | 10.2 | 8.0  | 23.7 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBL 1.25-6   | 6         | 1/4"     | 6.4            | 11.6 | 11.0 | 27.5 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-7    | 7         | 5/16"    | 7.4            | 11.6 | 11.0 | 27.5 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBS 1.25-8   | 8         | 5/16"    | 8.4            | 11.6 | 11.0 | 27.5 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBL 1.25-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.7 | 30.4 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBS 1.25-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.9 | 30.7 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYBL 1.25-10  | 10        | 3/8"     | 10.5           | 18.0 | 16.0 | 33.5 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-12   | 12        | 1/2"     | 13.0           | 18.0 | 16.0 | 34.6 |      |     |     |      | 500          |        |                   |                                                            |  |  |  |
| RNYB 1.25-13   | 13        | 9/16"    | 14.0           | 18.0 | 16.0 | 36.1 |      |     |     |      | 250          |        |                   |                                                            |  |  |  |
| RNYB 1.25-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.0 | 36.1 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 45.0 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 45.0 |      |     |     |      |              |        |                   |                                                            |  |  |  |
| RNYB 1.25-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 45.0 |      |     |     |      |              |        |                   |                                                            |  |  |  |

# Nylon Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



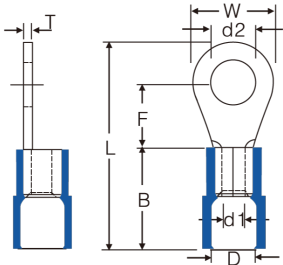
| Item No.    | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |     | Pcs/<br>Pack | Color | Tools                   | Explanation                                               |
|-------------|-----------|----------|----------------|------|------|------|------|-----|-----|-----|--------------|-------|-------------------------|-----------------------------------------------------------|
|             | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T   |              |       |                         |                                                           |
| RNYB 2-2    | 2         | #2       | 2.2            | 6.6  | 4.8  | 19.2 | 11.0 | 4.9 | 2.3 | 0.8 | 1000         | Blue  | LY-03C<br>blue jaw      | Wire range:1.5-2.5mm²<br>A.W.G.(16-14)<br>Max.current=27A |
| RNYB 2-3    | 3         | #4       | 3.2            |      |      |      |      |     |     |     |              |       |                         |                                                           |
| RNYBS 2-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |     |              |       |                         |                                                           |
| RNYBM 2-3.5 | 3.5       | #6       | 3.7            |      | 6.4  | 20.9 |      |     |     |     |              |       |                         |                                                           |
| RNYBL 2-3.5 | 3.5       | #6       | 3.7            | 8.5  | 7.8  | 23.0 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 2-4   | 4         | #8       | 4.3            | 6.6  | 7.0  | 20.7 |      |     |     |     |              |       |                         |                                                           |
| RNYBL 2-4   | 4         | #8       | 4.3            | 8.5  | 7.8  | 23.0 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 2-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |     |              |       |                         |                                                           |
| RNYBL 2-5   | 5         | #10      | 5.3            | 9.5  | 7.8  |      |      |     |     |     |              |       |                         |                                                           |
| RNYBS 2-6   | 6         | 1/4"     | 6.4            | 10.2 | 10.0 | 26.5 |      |     |     |     |              |       |                         |                                                           |
| RNYBL 2-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 27.6 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 2-8   | 8         | 5/16"    | 8.4            | 12.0 | 10.8 | 28.0 |      |     |     |     |              |       |                         |                                                           |
| RNYBL 2-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.6 | 31.2 |      |     |     |     |              |       |                         |                                                           |
| RNYB 2-9    | 9         | 5/16"    | 9.8            | 13.6 | 13.9 | 31.7 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 2-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.5 | 31.2 |      |     |     |     |              |       |                         |                                                           |
| RNYBL 2-10  | 10        | 3/8"     | 10.5           | 18.0 | 14.8 | 34.8 |      |     |     |     |              |       |                         |                                                           |
| RNYB 2-12   | 12        | 1/2"     | 13.0           | 18.0 | 14.8 | 35.0 |      |     |     |     |              |       |                         |                                                           |
| RNYB 2-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.4 | 45.9 |      |     |     |     |              |       |                         |                                                           |
| RNYB 2-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 45.9 |      |     |     |     |              |       |                         |                                                           |
| RNYB 2-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 45.9 |      |     |     |     |              |       |                         |                                                           |
| RNYB 2-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 45.9 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 3.5-3 | 3         | #4       | 3.2            | 5.5  | 7.7  | 24.2 | 13.5 | 6.3 | 3.0 | 1.0 | 500          | Black | LY-03C<br>yellow<br>jaw | Wire range:2.5-4mm²<br>A.W.G.(14-12)<br>Max.current=37A   |
| RNYB 3.5-3  | 3         | #4       | 3.2            | 6.6  | 7.7  | 24.8 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 3.5-4 | 4         | #8       | 4.3            | 6.6  | 7.7  | 24.8 |      |     |     |     |              |       |                         |                                                           |
| RNYB 3.5-4  | 4         | #8       | 4.3            | 8.0  | 7.7  | 25.5 |      |     |     |     |              |       |                         |                                                           |
| RNYBS 3.5-5 | 5         | #10      | 5.3            | 8.0  | 7.7  | 25.5 |      |     |     |     |              |       |                         |                                                           |
| RNYBM 3.5-5 | 5         | #10      | 5.3            | 9.5  | 8.3  | 26.8 |      |     |     |     |              |       |                         |                                                           |
| RNYBL 3.5-5 | 5         | #10      | 5.3            | 12.0 | 9.4  | 28.9 |      |     |     |     |              |       |                         |                                                           |
| RNYB 3.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 9.4  | 28.9 |      |     |     |     |              |       |                         |                                                           |
| RNYB 3.5-8  | 8         | 5/16"    | 8.4            | 15.0 | 12.5 | 33.7 |      |     |     |     |              |       |                         |                                                           |
| RNYB 3.5-10 | 10        | 3/8"     | 10.5           | 15.0 | 12.5 | 33.7 |      |     |     |     |              |       |                         |                                                           |
| RNYB 3.5-12 | 12        | 1/2"     | 13.0           | 19.2 | 15.8 | 39.1 |      |     |     |     |              |       |                         |                                                           |

# Nylon Insulated-Single Crimp Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105℃

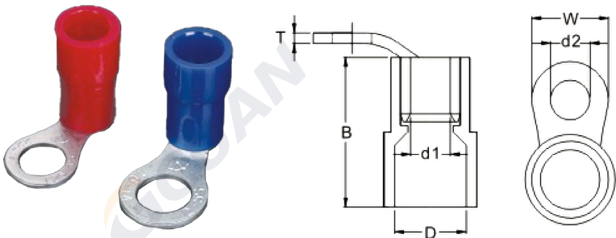


| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |     | Pcs/<br>Pack | Color  | Tools                   | Explanation                                                       |
|--------------|-----------|----------|----------------|------|------|------|------|-----|-----|-----|--------------|--------|-------------------------|-------------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T   |              |        |                         |                                                                   |
| RNYB 5.5-3   | 3         | #4       | 3.2            | 7.2  |      |      |      |     |     |     |              | Yellow | LY-03C<br>yellow<br>jaw | Wire range:4-6mm <sup>2</sup><br>A.W.G.(12-10)<br>Max.current=48A |
| RNYB 5.5-3.5 | 3.5       | #6       | 3.7            | 7.2  | 6.0  | 23.2 |      |     |     |     |              |        |                         |                                                                   |
| RNYBS 5.5-4  | 4         | #8       | 4.3            | 7.2  |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYBL 5.5-4  | 4         | #8       | 4.3            |      |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-5   | 5         | #10      | 5.3            | 9.5  | 9.1  | 27.1 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-6   | 6         | 1/4"     | 6.4            | 12.2 | 10.5 | 30.0 |      |     |     |     | 500          |        |                         |                                                                   |
| RNYBL 5.5-6  | 6         | 1/4"     | 6.4            | 11.8 | 13.6 | 33.1 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-8   | 8         | 5/16"    | 8.4            | 15.0 | 13.0 | 34.3 | 13.5 | 6.7 | 3.4 | 1.0 |              |        |                         |                                                                   |
| RNYB 5.5-10  | 10        | 3/8"     | 10.5           | 15.0 | 13.5 | 34.3 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-12  | 12        | 1/2"     | 13.0           | 19.2 | 16.0 | 39.5 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-13  | 13        | 9/16"    | 14.0           | 19.2 | 16.0 | 39.5 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-14  | 14        | 9/16"    | 15.0           |      |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-16  | 16        | 5/8"     | 17.0           |      |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYB 5.5-18  | 18        | 11/16"   | 19.0           | 27.0 | 23.8 | 51.2 |      |     |     |     | 250          |        |                         |                                                                   |
| RNYB 5.5-20  | 20        | 3/4"     | 21.0           |      |      |      |      |     |     |     |              | Red    | /                       | Wire range:6-10mm <sup>2</sup><br>A.W.G.(8)<br>Max.current=62A    |
| RNYB 8-3.5   | 3.5       | #6       | 3.7            | 8.8  | 9.3  | 32.0 |      |     |     |     |              |        |                         |                                                                   |
| RNYBS 8-4    | 4         | #8       | 4.3            | 8.8  | 10.5 | 32.0 |      |     |     |     |              |        |                         |                                                                   |
| RNYBL 8-4    | 4         | #8       | 4.3            | 12.0 | 9.3  |      |      |     |     |     |              |        |                         |                                                                   |
| RNYBS 8-5    | 5         | #10      | 5.3            | 8.8  | 10.5 | 32.0 |      |     |     |     |              |        |                         |                                                                   |
| RNYBM 8-5    | 5         | #10      | 5.3            | 12.0 | 9.3  |      |      |     |     |     |              |        |                         |                                                                   |
| RNYBL 8-5    | 5         | #10      | 5.3            | 15.0 | 13.8 | 38.8 |      |     |     |     |              |        |                         |                                                                   |
| RNYBS 8-6    | 6         | 1/4"     | 6.4            | 12.0 | 9.3  | 31.8 |      |     |     |     |              |        |                         |                                                                   |
| RNYBL 8-6    | 6         | 1/4"     | 6.4            | 15.0 | 13.8 | 38.2 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-8     | 8         | 5/16"    | 8.4            | 16.7 | 8.0  | 4.5  | 1.2  |     |     |     |              |        |                         |                                                                   |
| RNYB 8-10    | 10        | 3/8"     | 10.5           | 15.0 | 13.8 | 38.2 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-11    | 11        | 7/16"    | 11.5           | 20.0 | 15.3 | 47.7 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-12    | 12        | 1/2"     | 13.0           | 22.0 | 15.0 | 47.7 |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-14    | 14        | 9/16"    | 15.0           |      |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-16    | 16        | 5/8"     | 17.0           |      |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-18    | 18        | 11/16"   | 19.0           | 31.6 | 25.6 | 57.7 |      |     |     |     | 200          |        |                         |                                                                   |
| RNYB 8-20    | 20        | 3/4"     | 21.0           |      |      |      |      |     |     |     |              |        |                         |                                                                   |
| RNYB 8-22    | 22        | 7/8"     | 23.0           |      |      |      |      |     |     |     |              |        |                         |                                                                   |

# Nylon Insulated-Single Crimp 90° Ring Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin
  - Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



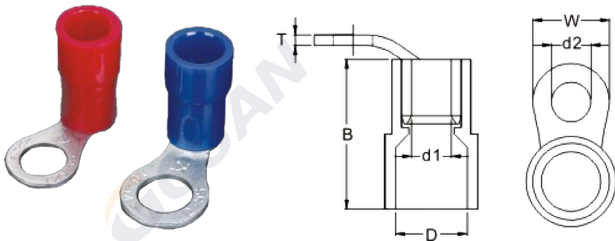
| Item No.           | Stud Size |          | Dimension (mm) |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools             | Explanation                                                |
|--------------------|-----------|----------|----------------|------|------|-----|-----|------|--------------|--------|-------------------|------------------------------------------------------------|
|                    | Metric    | American | d2             | W    | B    | D   | d1  | T    |              |        |                   |                                                            |
| DRNYB 0.5-2-90D    | 2         | #2       | 2.2            | 5.0  | 7.7  | 2.8 | 1.2 | 0.5  | 1000         | Yellow | /                 | Wire range:0.2-0.5mm²<br>A.W.G.:(26-22)<br>Max.current=9A  |
| DRNYB 0.5-2.5-90D  | 2.5       | #3       | 2.7            | 5.0  |      |     |     |      |              |        |                   |                                                            |
| DRNYB 0.5-3-90D    | 3         | #4       | 3.2            | 5.0  |      |     |     |      |              |        |                   |                                                            |
| DRNYB 0.5-3.5-90D  | 3.5       | #6       | 3.7            | 6.0  |      |     |     |      |              |        |                   |                                                            |
| DRNYB 0.5-4-90D    | 4         | #8       | 4.3            | 6.5  |      |     |     |      |              |        |                   |                                                            |
| DRNYBL 0.5-4-90D   | 4         | #8       | 4.3            | 8.0  |      |     |     |      |              |        |                   |                                                            |
| DRNYB 0.5-5-90D    | 5         | #10      | 5.3            | 8.0  |      |     |     |      |              |        |                   |                                                            |
| DRNYBS 0.5-6-90D   | 6         | 1/4"     | 6.4            | 10.2 |      |     |     |      |              |        |                   |                                                            |
| DRNYBL 0.5-6-90D   | 6         | 1/4"     | 6.4            | 11.6 | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | LY-03C<br>red jaw | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| RNYB 1.25-2-90D    | 2         | #2       | 2.2            | 5.5  |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-2.5-90D  | 2.5       | #3       | 2.7            | 5.5  |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-3-90D    | 3         | #4       | 3.2            | 5.5  |      |     |     |      |              |        |                   |                                                            |
| RNYBS 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.6  |      |     |     |      |              |        |                   |                                                            |
| RNYBM 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.6  |      |     |     |      |              |        |                   |                                                            |
| RNYBL 1.25-3.5-90D | 3.5       | #6       | 3.7            | 7.2  |      |     |     |      |              |        |                   |                                                            |
| RNYBS 1.25-4-90D   | 4         | #8       | 4.3            | 6.6  |      |     |     |      |              |        |                   |                                                            |
| RNYBL 1.25-4-90D   | 4         | #8       | 4.3            | 8.0  |      |     |     |      |              |        |                   |                                                            |
| RNYBS 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |      |     |     |      |              |        |                   |                                                            |
| RNYBL 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |      |     |     |      |              |        |                   |                                                            |
| RNYBLL 1.25-5-90D  | 5         | #10      | 5.3            | 11.6 |      |     |     |      |              |        |                   |                                                            |
| RNYBS 1.25-6-90D   | 6         | 1/4"     | 6.4            | 10.2 |      |     |     |      |              |        |                   |                                                            |
| RNYBL 1.25-6-90D   | 6         | 1/4"     | 6.4            | 11.6 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-7-90D    | 7         | 5/16"    | 7.4            | 11.6 |      |     |     |      |              |        |                   |                                                            |
| RNYBS 1.25-8-90D   | 8         | 5/16"    | 8.4            | 11.6 |      |     |     |      |              |        |                   |                                                            |
| RNYBL 1.25-8-90D   | 8         | 5/16"    | 8.4            | 14.5 |      |     |     |      |              |        |                   |                                                            |
| RNYBS 1.25-10-90D  | 10        | 3/8"     | 10.5           | 13.6 |      |     |     |      |              |        |                   |                                                            |
| RNYBL 1.25-10-90D  | 10        | 3/8"     | 10.5           | 18.0 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-12-90D   | 12        | 1/2"     | 13.0           | 18.0 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-13-90D   | 13        | 9/16"    | 14.0           | 18.0 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-14-90D   | 14        | 9/16"    | 15.0           | 27.0 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-16-90D   | 16        | 5/8"     | 17.0           | 27.0 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-18-90D   | 18        | 11/16"   | 19.0           | 27.0 |      |     |     |      |              |        |                   |                                                            |
| RNYB 1.25-20-90D   | 20        | 3/4"     | 21.0           | 27.0 |      |     |     |      |              |        |                   |                                                            |

# Nylon Insulated-Single Crimp 90° Ring Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



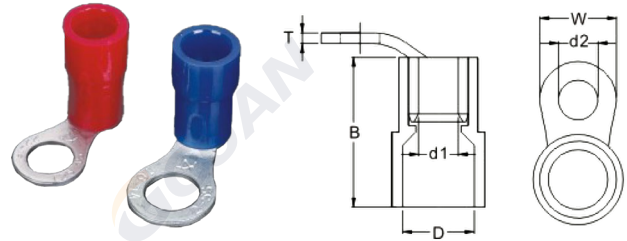
| Item No.        | Stud Size |          | Dimension (mm) |      |      |     |     |     | Pcs/<br>Pack | Color | Tools                   | Explanation                                                |
|-----------------|-----------|----------|----------------|------|------|-----|-----|-----|--------------|-------|-------------------------|------------------------------------------------------------|
|                 | Metric    | American | d2             | W    | B    | D   | d1  | T   |              |       |                         |                                                            |
| RNYB 2-2-90D    | 2         | #2       | 2.2            | 6.6  | 11.0 | 4.9 | 2.3 | 0.8 | 1000         | Blue  | LY-03C<br>blue jaw      | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| RNYB 2-3-90D    | 3         | #4       | 3.2            |      |      |     |     |     |              |       |                         |                                                            |
| RNYBS 2-3.5-90D | 3.5       | #6       | 3.7            |      |      |     |     |     |              |       |                         |                                                            |
| RNYBM 2-3.5-90D | 3.5       | #6       | 3.7            |      |      |     |     |     |              |       |                         |                                                            |
| RNYBL 2-3.5-90D | 3.5       | #6       | 3.7            | 8.5  |      |     |     |     |              |       |                         |                                                            |
| RNYBS 2-4-90D   | 4         | #8       | 4.3            | 6.6  |      |     |     |     |              |       |                         |                                                            |
| RNYBL 2-4-90D   | 4         | #8       | 4.3            | 8.5  |      |     |     |     |              |       |                         |                                                            |
| RNYBS 2-5-90D   | 5         | #10      | 5.3            | 9.5  |      |     |     |     |              |       |                         |                                                            |
| RNYBL 2-5-90D   | 5         | #10      | 5.3            | 10.2 |      |     |     |     |              |       |                         |                                                            |
| RNYBS 2-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |     |              |       |                         |                                                            |
| RNYBL 2-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |     |              |       |                         |                                                            |
| RNYBS 2-8-90D   | 8         | 5/16"    | 8.4            | 14.5 |      |     |     |     |              |       |                         |                                                            |
| RNYBL 2-8-90D   | 8         | 5/16"    | 8.4            | 13.6 |      |     |     |     |              |       |                         |                                                            |
| RNYB 2-9-90D    | 9         | 5/16"    | 9.8            | 18.0 |      |     |     |     |              |       |                         |                                                            |
| RNYBS 2-10-90D  | 10        | 3/8"     | 10.5           | 18.0 |      |     |     |     |              |       |                         |                                                            |
| RNYBL 2-10-90D  | 10        | 3/8"     | 10.5           | 27.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 2-12-90D   | 12        | 1/2"     | 13.0           | 27.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 2-14-90D   | 14        | 9/16"    | 15.0           | 27.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 2-16-90D   | 16        | 5/8"     | 17.0           | 27.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 2-18-90D   | 18        | 11/16"   | 19.0           | 27.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 2-20-90D   | 20        | 3/4"     | 21.0           | 27.0 |      |     |     |     |              |       |                         |                                                            |
| RNYBS 3.5-3-90D | 3         | #4       | 3.2            | 5.5  | 13.5 | 6.3 | 3.0 | 1.0 | 500          | Black | LY-03C<br>yellow<br>jaw | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A   |
| RNYB 3.5-3-90D  | 3         | #4       | 3.2            | 6.6  |      |     |     |     |              |       |                         |                                                            |
| RNYBS 3.5-4-90D | 4         | #8       | 4.3            | 6.6  |      |     |     |     |              |       |                         |                                                            |
| RNYB 3.5-4-90D  | 4         | #8       | 4.3            | 8.0  |      |     |     |     |              |       |                         |                                                            |
| RNYBS 3.5-5-90D | 5         | #10      | 5.3            | 8.0  |      |     |     |     |              |       |                         |                                                            |
| RNYBM 3.5-5-90D | 5         | #10      | 5.3            | 9.5  |      |     |     |     |              |       |                         |                                                            |
| RNYBL 3.5-5-90D | 5         | #10      | 5.3            | 12.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 3.5-6-90D  | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 3.5-8-90D  | 8         | 5/16"    | 8.4            | 15.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 3.5-10-90D | 10        | 3/8"     | 10.5           | 15.0 |      |     |     |     |              |       |                         |                                                            |
| RNYB 3.5-12-90D | 12        | 1/2"     | 13.0           | 19.2 |      |     |     |     |              |       |                         |                                                            |

# Nylon Insulated-Single Crimp 90° Ring Terminals

## Material:

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

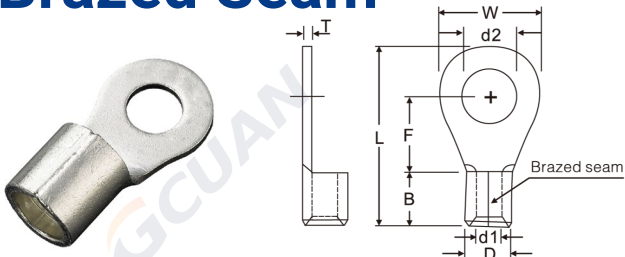
**Maximum Temperature Resistance:** 105°C



| Item No.         | Stud Size |          | Dimension (mm) |      |      |     |     |     | Pcs/<br>Pack | Color  | Tools                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Explanation                                            |
|------------------|-----------|----------|----------------|------|------|-----|-----|-----|--------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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|                  | Metric    | American | d2             | W    | B    | D   | d1  | T   |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-3-90D   | 3         | #4       | 3.2            | 7.2  | 13.5 | 6.7 | 3.4 | 1.0 | 500          | Yellow | LY-03C<br>yellow<br>jaw                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| RNYB 5.5-3.5-90D | 3.5       | #6       | 3.7            | 7.2  |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYBS 5.5-4-90D  | 4         | #8       | 4.3            | 7.2  |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYBL 5.5-4-90D  | 4         | #8       | 4.3            | 9.5  |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-5-90D   | 5         | #10      | 5.3            | 9.5  |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-6-90D   | 6         | 1/4"     | 6.4            | 12.2 |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-8-90D   | 8         | 5/16"    | 8.4            | 15.0 |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-10-90D  | 10        | 3/8"     | 10.5           | 15.0 |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-12-90D  | 12        | 1/2"     | 13.0           | 19.2 |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-13-90D  | 13        | 9/16"    | 14.0           | 19.2 |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-16-90D  | 16        | 5/8"     | 17.0           |      |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-18-90D  | 18        | 11/16"   | 19.0           |      |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| RNYB 5.5-20-90D  | 20        | 3/4"     | 21.0           |      |      |     |     |     |              |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                        |
| RNYB 8-3.5-90D   | 3.5       | #6       | 3.7            | 8.8  | 16.7 | 8.0 | 4.5 | 1.2 | 250          | Red    | /<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br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|                                                        |

# Non-Insulated With Brazed Seam Ring Terminals

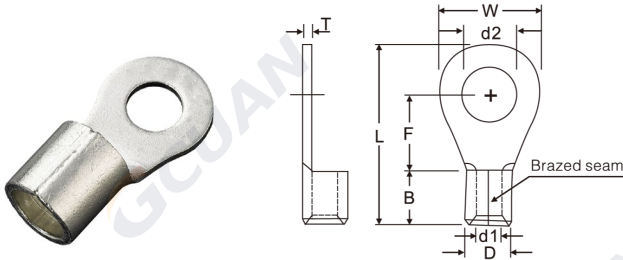
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.      | Stud Size |          | Dimension (mm) |      |      |      |     |     |     |      | Pcs/<br>Pack | Tools              | Explanation                                              |
|---------------|-----------|----------|----------------|------|------|------|-----|-----|-----|------|--------------|--------------------|----------------------------------------------------------|
|               | Metric    | American | d2             | W    | F    | L    | B   | D   | d1  | T    |              |                    |                                                          |
| DRN 0.5-2     | 2         | #2       | 2.2            | 5.0  | 6.0  | 13.0 | 4.3 | 2.2 | 1.2 | 0.5  | 1000         | HS-101<br>jaw-0.5  | Wirerange:0.2-0.5mm²<br>A.W.G.(26-22)<br>Max.current=9A  |
| DRN 0.5-2.5   | 2.5       | #3       | 2.7            | 5.0  | 6.0  | 13.0 |     |     |     |      |              |                    |                                                          |
| DRN 0.5-3     | 3         | #4       | 3.2            | 5.0  | 6.0  | 13.0 |     |     |     |      |              |                    |                                                          |
| DRN 0.5-3.5   | 3.5       | #6       | 3.7            | 6.0  | 6.0  | 13.5 |     |     |     |      |              |                    |                                                          |
| DRN 0.5-4     | 4         | #8       | 4.3            | 6.5  | 6.0  | 13.5 |     |     |     |      |              |                    |                                                          |
| DRNL 0.5-4    | 4         | #8       | 4.3            | 8.0  | 7.0  | 16.2 |     |     |     |      |              |                    |                                                          |
| DRN 0.5-5     | 5         | #10      | 5.3            | 8.0  | 7.0  | 16.2 |     |     |     |      |              |                    |                                                          |
| DRNS 0.5-6    | 6         | 1/4"     | 6.4            | 10.2 | 8.0  | 17.0 |     |     |     |      |              |                    |                                                          |
| DRNL 0.5-6    | 6         | 1/4"     | 6.4            | 11.6 | 11.0 | 21.3 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-2    | 2         | #2       | 2.2            | 5.5  | 5.0  | 12.6 | 4.8 | 3.4 | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wirerange:0.5-1.5mm²<br>A.W.G.(22-16)<br>Max.current=19A |
| RNB 1.25-2.5  | 2.5       | #3       | 2.7            | 5.5  | 5.0  | 12.9 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-3    | 3         | #4       | 3.2            | 5.5  | 5.0  | 13.0 |     |     |     |      |              |                    |                                                          |
| RNBS 1.25-3.5 | 3.5       | #6       | 3.7            | 5.5  | 5.0  | 13.0 |     |     |     |      |              |                    |                                                          |
| RNBM 1.25-3.5 | 3.5       | #6       | 3.7            | 6.6  | 6.3  | 14.4 |     |     |     |      |              |                    |                                                          |
| RNBL 1.25-3.5 | 3.5       | #6       | 3.7            | 7.2  | 7.0  | 15.5 |     |     |     |      |              |                    |                                                          |
| RNBS 1.25-4   | 4         | #8       | 4.3            | 6.6  | 6.3  | 14.4 |     |     |     |      |              |                    |                                                          |
| RNBL 1.25-4   | 4         | #8       | 4.3            | 8.0  | 7.0  | 15.8 |     |     |     |      |              |                    |                                                          |
| RNBS 1.25-5   | 5         | #10      | 5.3            | 8.0  | 7.0  | 15.8 |     |     |     |      |              |                    |                                                          |
| RNBL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 8.0  | 17.5 |     |     |     |      |              |                    |                                                          |
| RNBLL 1.25-5  | 5         | #10      | 5.3            | 11.6 | 11.0 | 21.8 |     |     |     |      |              |                    |                                                          |
| RNBS 1.25-6   | 6         | 1/4"     | 6.4            | 10.2 | 8.0  | 18.0 |     |     |     |      |              |                    |                                                          |
| RNBL 1.25-6   | 6         | 1/4"     | 6.4            | 11.6 | 11.0 | 21.8 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-7    | 7         | 5/16"    | 7.4            | 11.6 | 11.0 | 21.8 |     |     |     |      |              |                    |                                                          |
| RNBS 1.25-8   | 8         | 5/16"    | 8.4            | 11.6 | 11.0 | 21.8 |     |     |     |      |              |                    |                                                          |
| RNBL 1.25-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.7 | 24.7 |     |     |     |      |              |                    |                                                          |
| RNBS 1.25-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.9 | 25.0 |     |     |     |      |              |                    |                                                          |
| RNBL 1.25-10  | 10        | 3/8"     | 10.5           | 18.0 | 16.0 | 27.8 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-12   | 12        | 1/2"     | 13.0           | 18.0 | 16.0 | 28.9 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-13   | 13        | 9/16"    | 14.0           | 18.0 | 16.0 | 30.4 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.0 | 30.4 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 39.3 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 39.3 |     |     |     |      |              |                    |                                                          |
| RNB 1.25-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 39.3 |     |     |     |      |              |                    |                                                          |

# Non-Insulated With Brazed Seam Ring Terminals

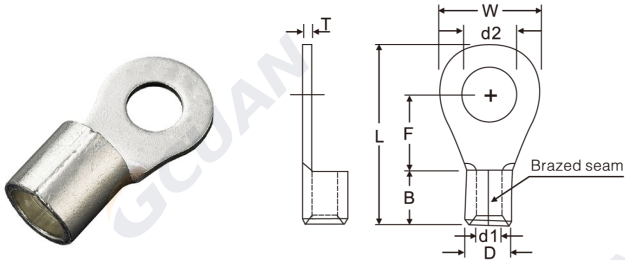
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |     |     |     |     | Pcs/<br>Pack | Tools             | Explanation                                                  |
|------------|-----------|----------|----------------|------|------|------|-----|-----|-----|-----|--------------|-------------------|--------------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B   | D   | d1  | T   |              |                   |                                                              |
| RNB 2-2    | 2         | #2       | 2.2            | 6.6  | 4.8  | 13.0 | 4.8 | 4.1 | 2.3 | 0.8 | 1000         | HS-101<br>jaw-2   | Wire range: 1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| RNB 2-3    | 3         | #4       | 3.2            |      |      |      |     |     |     |     |              |                   |                                                              |
| RNBS 2-3.5 | 3.5       | #6       | 3.7            |      |      |      |     |     |     |     |              |                   |                                                              |
| RNBM 2-3.5 | 3.5       | #6       | 3.7            |      | 6.4  | 14.7 |     |     |     |     |              |                   |                                                              |
| RNBL 2-3.5 | 3.5       | #6       | 3.7            | 8.5  | 7.8  | 16.8 |     |     |     |     |              |                   |                                                              |
| RNBS 2-4   | 4         | #8       | 4.3            | 6.6  | 7.0  | 14.5 |     |     |     |     |              |                   |                                                              |
| RNBL 2-4   | 4         | #8       | 4.3            | 8.5  | 7.8  | 16.8 |     |     |     |     |              |                   |                                                              |
| RNBS 2-5   | 5         | #10      | 5.3            |      |      |      |     |     |     |     |              |                   |                                                              |
| RNBL 2-5   | 5         | #10      | 5.3            | 9.5  | 7.8  |      |     |     |     |     |              |                   |                                                              |
| RNBS 2-6   | 6         | 1/4"     | 6.4            | 10.2 | 10.0 | 20.3 |     |     |     |     |              |                   |                                                              |
| RNBL 2-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 21.4 |     |     |     |     |              |                   |                                                              |
| RNBS 2-8   | 8         | 5/16"    | 8.4            | 12.0 | 10.8 | 21.8 |     |     |     |     |              |                   |                                                              |
| RNBL 2-8   | 8         | 5/16"    | 8.4            | 14.5 | 12.6 | 25.0 |     |     |     |     |              |                   |                                                              |
| RNB 2-9    | 9         | 5/16"    | 9.8            | 13.6 | 13.9 | 25.5 |     |     |     |     |              |                   |                                                              |
| RNBS 2-10  | 10        | 3/8"     | 10.5           | 13.6 | 13.5 | 25.0 |     |     |     |     |              |                   |                                                              |
| RNBL 2-10  | 10        | 3/8"     | 10.5           | 18.0 | 14.8 | 28.6 |     |     |     |     |              |                   |                                                              |
| RNB 2-12   | 12        | 1/2"     | 13.0           | 18.0 | 14.8 | 28.8 |     |     |     |     |              |                   |                                                              |
| RNB 2-14   | 14        | 9/16"    | 15.0           | 27.0 | 21.4 | 39.7 |     |     |     |     |              |                   |                                                              |
| RNB 2-16   | 16        | 5/8"     | 17.0           | 27.0 | 21.0 | 39.7 |     |     |     |     |              |                   |                                                              |
| RNB 2-18   | 18        | 11/16"   | 19.0           | 27.0 | 21.0 | 39.7 |     |     |     |     |              |                   |                                                              |
| RNB 2-20   | 20        | 3/4"     | 21.0           | 27.0 | 21.0 | 39.7 |     |     |     |     |              |                   |                                                              |
| RNBS 3.5-3 | 3         | #4       | 3.2            | 5.5  | 7.7  | 16.7 | 6.0 | 5.0 | 3.0 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A     |
| RNB 3.5-3  | 3         | #4       | 3.2            | 6.6  | 7.7  | 17.3 |     |     |     |     |              |                   |                                                              |
| RNBS 3.5-4 | 4         | #8       | 4.3            | 6.6  | 7.7  | 17.3 |     |     |     |     |              |                   |                                                              |
| RNB 3.5-4  | 4         | #8       | 4.3            | 8.0  | 7.7  | 18.0 |     |     |     |     |              |                   |                                                              |
| RNBS 3.5-5 | 5         | #10      | 5.3            | 8.0  | 7.7  | 18.0 |     |     |     |     |              |                   |                                                              |
| RNBM 3.5-5 | 5         | #10      | 5.3            | 9.5  | 8.3  | 19.3 |     |     |     |     |              |                   |                                                              |
| RNBL 3.5-5 | 5         | #10      | 5.3            | 12.0 | 9.4  | 21.4 |     |     |     |     |              |                   |                                                              |
| RNB 3.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 9.4  | 21.4 |     |     |     |     |              |                   |                                                              |
| RNB 3.5-8  | 8         | 5/16"    | 8.4            | 15.0 | 12.5 | 26.2 |     |     |     |     |              |                   |                                                              |
| RNB 3.5-10 | 10        | 3/8"     | 10.5           | 15.0 | 12.5 | 26.2 |     |     |     |     |              |                   |                                                              |
| RNB 3.5-12 | 12        | 1/2"     | 13.0           | 19.2 | 15.8 | 31.6 |     |     |     |     | 500          |                   |                                                              |

# Non-Insulated With Brazed Seam Ring Terminals

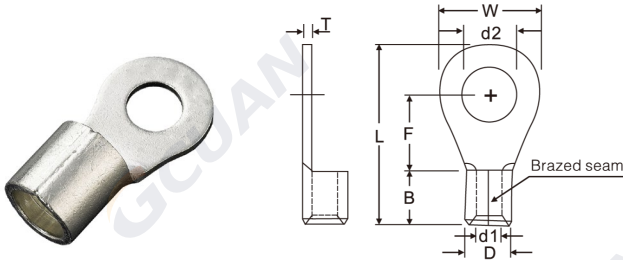
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.    | Stud Size |          | Dimension (mm) |      |      |      |     |     |     |     | Pcs/<br>Pack | Tools             | Explanation                                              |
|-------------|-----------|----------|----------------|------|------|------|-----|-----|-----|-----|--------------|-------------------|----------------------------------------------------------|
|             | Metric    | American | d2             | W    | F    | L    | B   | D   | d1  | T   |              |                   |                                                          |
| RNB 5.5-3   | 3         | #4       | 3.2            | 7.2  |      |      |     |     |     |     | 1000         | HS-101<br>jaw-5.5 | Wire range: 4-6mm²<br>A.W.G.: (12-10)<br>Max.current=48A |
| RNB 5.5-3.5 | 3.5       | #6       | 3.7            | 7.2  | 6.0  | 15.7 |     |     |     |     |              |                   |                                                          |
| RNBS 5.5-4  | 4         | #8       | 4.3            | 7.2  |      |      |     |     |     |     |              |                   |                                                          |
| RNBL 5.5-4  | 4         | #8       | 4.3            |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 5.5-5   | 5         | #10      | 5.3            | 9.5  | 9.1  | 19.6 |     |     |     |     |              |                   |                                                          |
| RNB 5.5-6   | 6         | 1/4"     | 6.4            | 12.2 | 10.5 | 22.5 |     |     |     |     |              |                   |                                                          |
| RNBL 5.5-6  | 6         | 1/4"     | 6.4            | 11.8 | 13.6 | 25.6 |     |     |     |     |              |                   |                                                          |
| RNB 5.5-8   | 8         | 5/16"    | 8.4            | 15.0 | 13.0 | 26.8 | 6.0 | 5.6 | 3.4 | 1.0 |              |                   |                                                          |
| RNB 5.5-10  | 10        | 3/8"     | 10.5           | 15.0 | 13.5 | 26.8 |     |     |     |     |              |                   |                                                          |
| RNB 5.5-12  | 12        | 1/2"     | 13.0           | 19.2 | 16.0 | 32.0 |     |     |     |     |              |                   |                                                          |
| RNB 5.5-13  | 13        | 9/16"    | 14.0           | 19.2 | 16.0 | 32.0 |     |     |     |     | 500          |                   |                                                          |
| RNB 5.5-14  | 14        | 9/16"    | 15.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 5.5-16  | 16        | 5/8"     | 17.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 5.5-18  | 18        | 11/16"   | 19.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 5.5-20  | 20        | 3/4"     | 21.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 8-3.5   | 3.5       | #6       | 3.7            | 8.8  | 9.3  | 23.8 |     |     |     |     | 500          |                   |                                                          |
| RNBS 8-4    | 4         | #8       | 4.3            | 8.8  | 10.5 | 23.8 |     |     |     |     |              |                   |                                                          |
| RNBL 8-4    | 4         | #8       | 4.3            | 12.0 | 9.3  |      |     |     |     |     |              |                   |                                                          |
| RNBS 8-5    | 5         | #10      | 5.3            | 8.8  | 10.5 | 23.8 |     |     |     |     |              |                   |                                                          |
| RNBM 8-5    | 5         | #10      | 5.3            | 12.0 | 9.3  |      |     |     |     |     |              |                   |                                                          |
| RNBL 8-5    | 5         | #10      | 5.3            | 15.0 | 13.8 | 30.6 |     |     |     |     |              |                   |                                                          |
| RNBS 8-6    | 6         | 1/4"     | 6.4            | 12.0 | 9.3  | 23.6 |     |     |     |     |              |                   |                                                          |
| RNBL 8-6    | 6         | 1/4"     | 6.4            |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 8-8     | 8         | 5/16"    | 8.4            | 15.0 | 13.8 | 30.0 | 8.5 | 7.2 | 4.5 | 1.2 | 250          | CT-38<br>jaw-8    | Wire range: 6-10mm²<br>A.W.G.: (8)<br>Max.current=62A    |
| RNB 8-10    | 10        | 3/8"     | 10.5           | 15.0 | 13.8 | 30.0 |     |     |     |     |              |                   |                                                          |
| RNB 8-11    | 11        | 7/16"    | 11.5           | 20.0 | 15.3 | 39.5 |     |     |     |     |              |                   |                                                          |
| RNB 8-12    | 12        | 1/2"     | 13.0           | 22.0 | 15.0 | 39.5 |     |     |     |     |              |                   |                                                          |
| RNB 8-14    | 14        | 9/16"    | 15.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 8-16    | 16        | 5/8"     | 17.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 8-18    | 18        | 11/16"   | 19.0           | 31.6 | 25.6 | 49.5 |     |     |     |     | 200          |                   |                                                          |
| RNB 8-20    | 20        | 3/4"     | 21.0           |      |      |      |     |     |     |     |              |                   |                                                          |
| RNB 8-22    | 22        | 7/8"     | 23.0           |      |      |      |     |     |     |     |              |                   |                                                          |
|             |           |          |                |      |      |      |     |     |     |     |              |                   |                                                          |

# Non-Insulated With Brazed Seam Ring Terminals

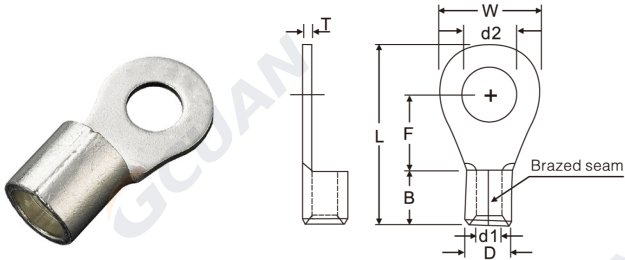
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |      |     |     | Pcs/<br>Pack | Tools           | Explanation                                            |
|------------|-----------|----------|----------------|------|------|------|------|------|-----|-----|--------------|-----------------|--------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D    | d1  | T   |              |                 |                                                        |
| RNB 14-4   | 4         | #8       | 4.3            |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 14-5   | 5         | #10      | 5.3            | 12.0 | 13.3 | 29.8 |      |      |     |     |              |                 |                                                        |
| RNBS 14-6  | 6         | 1/4"     | 6.4            |      |      |      |      |      |     |     |              |                 |                                                        |
| RNBL 14-6  | 6         | 1/4"     | 6.4            |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 14-8   | 8         | 5/16"    | 8.4            | 16.0 | 14.2 | 32.5 |      |      |     |     |              |                 |                                                        |
| RNB 14-10  | 10        | 3/8"     | 10.5           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNBL 14-10 | 10        | 3/8"     | 10.5           |      |      |      | 10.5 | 9.0  | 5.8 | 1.5 | 200          | CT-38<br>jaw-14 | Wire range:10-16mm²<br>A.W.G.: (6)<br>Max.current=88A  |
| RNB 14-11  | 11        | 7/16"    | 11.5           | 22.0 | 19.8 | 41.0 |      |      |     |     |              |                 |                                                        |
| RNB 14-12  | 12        | 1/2"     | 13.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 14-14  | 14        | 9/16"    | 15.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 14-16  | 16        | 5/8"     | 17.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 14-18  | 18        | 11/16"   | 19.0           | 31.6 | 25.3 | 51.0 |      |      |     |     |              |                 |                                                        |
| RNB 14-20  | 20        | 3/4"     | 21.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 14-22  | 22        | 7/8"     | 23.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNBS 22-4  | 4         | #8       | 4.3            | 12.2 | 14.4 | 33.0 |      |      |     |     |              |                 |                                                        |
| RNBS 22-5  | 5         | #10      | 5.3            | 12.2 | 14.4 | 33.0 |      |      |     |     |              |                 |                                                        |
| RNBL 22-5  | 5         | #10      | 5.3            | 16.5 | 13.5 | 33.5 |      |      |     |     |              |                 |                                                        |
| RNBS 22-6  | 6         | 1/4"     | 6.4            | 12.2 | 14.6 | 33.0 |      |      |     |     |              |                 |                                                        |
| RNBL 22-6  | 6         | 1/4"     | 6.4            |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 22-8   | 8         | 5/16"    | 8.4            | 16.5 | 13.5 | 33.5 |      |      |     |     |              |                 |                                                        |
| RNB 22-10  | 10        | 3/8"     | 10.5           |      |      |      | 12.0 | 11.5 | 7.7 | 1.7 | 200          | CT-38<br>jaw-22 | Wire range:16-25mm²<br>A.W.G.: (4)<br>Max.current=115A |
| RNB 22-11  | 11        | 7/16"    | 11.5           | 22.0 | 19.7 | 42.5 |      |      |     |     |              |                 |                                                        |
| RNB 22-12  | 12        | 1/2"     | 13.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 22-14  | 14        | 9/16"    | 15.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 22-16  | 16        | 5/8"     | 17.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 22-18  | 18        | 11/16"   | 19.0           | 30.0 | 24.2 | 51.0 |      |      |     |     |              |                 |                                                        |
| RNB 22-20  | 20        | 3/4"     | 21.0           |      |      |      |      |      |     |     |              |                 |                                                        |
| RNB 22-22  | 22        | 7/8"     | 23.0           |      |      |      |      |      |     |     |              |                 |                                                        |

# Non-Insulated With Brazed Seam Ring Terminals

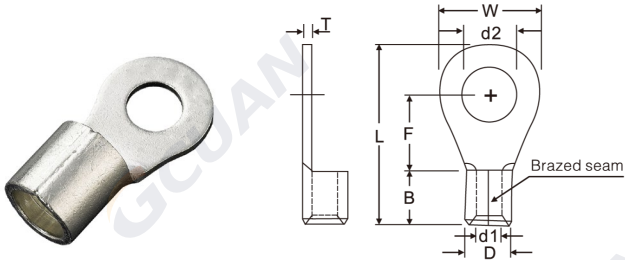
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |      |      |     | Pcs/<br>Pack | Tools           | Explanation                                                    |      |      |      |     |                 |                                                                |                                                                  |      |      |
|------------|-----------|----------|----------------|------|------|------|------|------|------|-----|--------------|-----------------|----------------------------------------------------------------|------|------|------|-----|-----------------|----------------------------------------------------------------|------------------------------------------------------------------|------|------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D    | d1   | T   |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-5   | 5         | #10      | 5.3            | 15.3 | 17.4 | 39.0 | 14.0 | 13.3 | 9.4  | 1.8 | 200          | CT-38<br>jaw-38 | Wire range:35mm <sup>2</sup><br>A.W.G.:(2)<br>Max.current=160A |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNBS 38-6  | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNBL 38-6  | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |                 |                                                                | 22.0 | 17.4 | 42.7 |     |                 |                                                                |                                                                  |      |      |
| RNBS 38-8  | 8         | 5/16"    | 8.4            | 15.3 | 17.4 | 38.8 |      |      |      |     | 100          |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNBL 38-8  | 8         | 5/16"    | 8.4            | 22.0 | 17.1 | 42.7 |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNBS 38-10 | 10        | 3/8"     | 10.5           | 15.3 | 17.3 | 39.0 |      |      |      |     |              |                 |                                                                | 200  |      |      |     |                 |                                                                |                                                                  |      |      |
| RNBL 38-10 | 10        | 3/8"     | 10.5           | 22.0 | 17.7 | 42.7 |      |      |      |     | 14.0         |                 |                                                                | 13.3 | 9.4  | 1.8  | 100 | CT-38<br>jaw-38 | Wire range:35mm <sup>2</sup><br>A.W.G.:(2)<br>Max.current=160A |                                                                  |      |      |
| RNB 38-11  | 11        | 7/16"    | 11.5           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-12  | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-13  | 13        | 9/16"    | 14.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-14  | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-16  | 16        | 5/8"     | 17.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-18  | 18        | 11/16"   | 19.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                | 28.0                                                             | 24.1 | 52.2 |
| RNB 38-20  | 20        | 3/4"     | 21.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-22  | 22        | 7/8"     | 23.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 38-24  | 24        | 15/16"   | 25.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                | 30.0                                                             | 23.3 | 52.2 |
| RNB 60-6   | 6         | 1/4"     | 6.4            | 22.0 | 20.7 | 49.7 | 18.0 | 15.4 | 11.4 | 1.8 |              | 100             | CT-80<br>jaw-60                                                |      |      |      |     |                 |                                                                | Wire range:50mm <sup>2</sup><br>A.W.G.:(1/0)<br>Max.current=215A |      |      |
| RNB 60-8   | 8         | 5/6"     | 8.4            |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-10  | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-11  | 11        | 7/16"    | 11.5           | 32.0 | 23.5 | 57.5 |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-12  | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-13  | 13        | 9/16"    | 14.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-14  | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-16  | 16        | 5/18"    | 17.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-18  | 18        | 11/16"   | 19.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-20  | 20        | 3/4"     | 21.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |
| RNB 60-22  | 22        | 7/8"     | 23.0           |      |      |      |      |      |      |     |              |                 |                                                                |      |      |      |     |                 |                                                                |                                                                  |      |      |

# Non-Insulated With Brazed Seam Ring Terminals

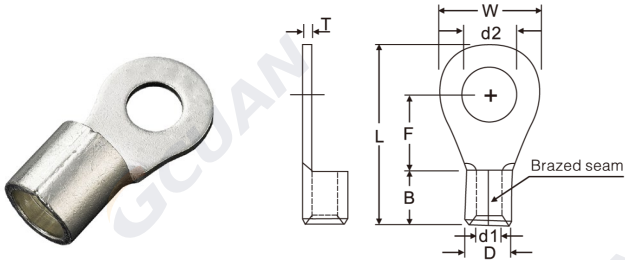
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.  | Stud Size |          | Dimension (mm) |      |      |      |      |      |      |     | Pcs/<br>Pack | Tools           | Explanation                                          |
|-----------|-----------|----------|----------------|------|------|------|------|------|------|-----|--------------|-----------------|------------------------------------------------------|
|           | Metric    | American | d2             | W    | F    | L    | B    | D    | d1   | T   |              |                 |                                                      |
| RNB 70-6  | 6         | 1/4"     | 6.4            | 24.0 | 20.0 | 50.0 | 18.0 | 17.5 | 13.3 | 2.0 | 100          | CT-80<br>jaw-70 | Wire range:70mm²<br>A.W.G.:(2/0)<br>Max.current=235A |
| RNB 70-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-11 | 11        | 7/16"    | 11.5           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-12 | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-13 | 13        | 9/16"    | 14.0           | 32.0 | 26.0 | 61.0 | 20.0 | 19.5 | 14.5 | 2.3 | 50           | CT-80<br>jaw-80 | Wire range:95mm²<br>A.W.G.:(3/0)<br>Max.current=255A |
| RNB 70-14 | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-16 | 16        | 5/8"     | 17.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-18 | 18        | 11/16"   | 19.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-20 | 20        | 3/4"     | 21.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 70-22 | 22        | 7/8"     | 23.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-6  | 6         | 1/4"     | 6.4            | 27.0 | 20.7 | 54.2 | 20.0 | 19.5 | 14.5 | 2.3 | 50           | CT-80<br>jaw-80 | Wire range:95mm²<br>A.W.G.:(3/0)<br>Max.current=255A |
| RNB 80-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-11 | 11        | 7/16"    | 11.5           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-12 | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-13 | 13        | 9/16"    | 14.0           | 32.0 | 32.0 | 68.0 | 20.0 | 19.5 | 14.5 | 2.3 | 50           | CT-80<br>jaw-80 | Wire range:95mm²<br>A.W.G.:(3/0)<br>Max.current=255A |
| RNB 80-14 | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-16 | 16        | 5/8"     | 17.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-18 | 18        | 11/16"   | 19.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-20 | 20        | 3/4"     | 21.0           |      |      |      |      |      |      |     |              |                 |                                                      |
| RNB 80-22 | 22        | 7/8"     | 23.0           |      |      |      |      |      |      |     |              |                 |                                                      |

# Non-Insulated With Brazed Seam Ring Terminals

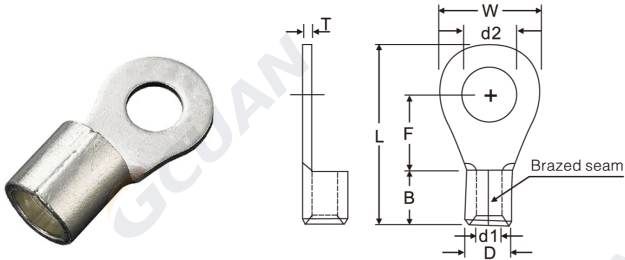
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |      |      |     | Pcs/<br>Pack | Tools                       | Explanation                                                               |
|------------|-----------|----------|----------------|------|------|------|------|------|------|-----|--------------|-----------------------------|---------------------------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D    | d1   | T   |              |                             |                                                                           |
| RNB 100-6  | 6         | 1/4"     | 6.4            | 28.5 | 20.4 | 55.6 | 21.0 | 22.1 | 16.4 | 2.5 | 50           | CT-150<br>jaw-100           | Wire range:120mm <sup>2</sup><br>A.W.G.: (4/0)<br>Max.current=300A        |
| RNB 100-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-11 | 11        | 7/16"    | 11.5           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-12 | 12        | 1/2"     | 13.0           | 32.0 | 32.0 | 69.0 | 27.0 | 26.6 | 19.5 | 3.2 | 25           | CT-150<br>KH-230<br>jaw-150 | Wire range:150mm <sup>2</sup><br>A.W.G.: (250/300MCM)<br>Max.current=395A |
| RNB 100-13 | 13        | 9/16"    | 14.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-14 | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-16 | 16        | 5/8"     | 17.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-18 | 18        | 11/16"   | 19.0           | 36.0 | 36.0 | 81.0 | 28.5 | 28.6 | 21.0 | 3.5 | 25           | CT-150<br>KH-230<br>jaw-180 | Wire range:185mm <sup>2</sup><br>A.W.G.: (300/350MCM)<br>Max.current=440A |
| RNB 100-20 | 20        | 3/4"     | 21.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 100-22 | 22        | 7/8"     | 23.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-10 | 10        | 3/8"     | 10.5           | 36.0 | 23.0 | 66.0 | 27.0 | 26.6 | 19.5 | 3.2 | 25           | CT-150<br>KH-230<br>jaw-150 | Wire range:150mm <sup>2</sup><br>A.W.G.: (250/300MCM)<br>Max.current=395A |
| RNB 150-11 | 11        | 7/16"    | 11.5           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-12 | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-14 | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-16 | 16        | 5/8"     | 17.0           | 36.0 | 36.0 | 81.0 | 28.5 | 28.6 | 21.0 | 3.5 | 25           | CT-150<br>KH-230<br>jaw-180 | Wire range:185mm <sup>2</sup><br>A.W.G.: (300/350MCM)<br>Max.current=440A |
| RNB 150-18 | 18        | 11/16"   | 19.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-20 | 20        | 3/4"     | 21.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-22 | 22        | 7/8"     | 23.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 150-24 | 24        | 15/16"   | 25.0           | 38.5 | 24.5 | 69.0 | 28.5 | 28.6 | 21.0 | 3.5 | 25           | CT-150<br>KH-230<br>jaw-180 | Wire range:185mm <sup>2</sup><br>A.W.G.: (300/350MCM)<br>Max.current=440A |
| RNB 180-6  | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 180-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 180-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 180-11 | 11        | 7/16"    | 11.5           | 38.5 | 24.5 | 69.0 | 28.5 | 28.6 | 21.0 | 3.5 | 25           | CT-150<br>KH-230<br>jaw-180 | Wire range:185mm <sup>2</sup><br>A.W.G.: (300/350MCM)<br>Max.current=440A |
| RNB 180-12 | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 180-14 | 14        | 9/16"    | 15.0           |      |      |      |      |      |      |     |              |                             |                                                                           |
| RNB 180-16 | 16        | 5/8"     | 17.0           |      |      |      |      |      |      |     |              |                             |                                                                           |

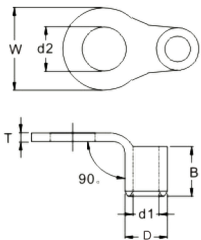
# Non-Insulated With Brazed Seam Ring Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.   | Stud Size |          | Dimension (mm) |      |      |       |      |      |      |     | Pcs/<br>Pack | Tools                       | Explanation                                                              |
|------------|-----------|----------|----------------|------|------|-------|------|------|------|-----|--------------|-----------------------------|--------------------------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L     | B    | D    | d1   | T   |              |                             |                                                                          |
| RNB 180-18 | 18        | 11/16"   | 19.0           | 38.5 | 39.0 | 86.6  | 28.5 | 28.6 | 21.0 | 3.5 | 25           | CT-150<br>KH-230<br>jaw-180 | Wire range:185mm <sup>2</sup><br>A.W.G.:(300/350MCM)<br>Max.current=440A |
| RNB 180-20 | 20        | 3/4"     | 21.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 180-22 | 22        | 7/8"     | 23.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 180-24 | 24        | 15/16"   | 25.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-10 | 10        | 3/8"     | 10.5           | 44.0 | 24.5 | 78.0  | 31.5 | 32.6 | 24.0 | 4.0 | 10           | KH-230<br>jaw-200           | Wire range:240mm <sup>2</sup><br>A.W.G.:(400/500MCM)<br>Max.current=470A |
| RNB 200-11 | 11        | 7/16"    | 11.5           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-12 | 12        | 1/2"     | 13.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-14 | 14        | 9/16"    | 15.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-16 | 16        | 5/8"     | 17.0           | 44.0 | 37.5 | 91.0  | 35.5 | 37.6 | 28.0 | 4.3 | 5            | KH-230<br>jaw-325           | Wire range:300mm <sup>2</sup><br>A.W.G.:(500/600MCM)<br>Max.current=650A |
| RNB 200-18 | 18        | 11/16"   | 19.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-20 | 20        | 3/4"     | 21.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-22 | 22        | 7/8"     | 23.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 200-24 | 24        | 15/16"   | 25.0           | 50.5 | 33.5 | 88.0  | 35.5 | 37.6 | 28.0 | 4.3 | 5            | KH-230<br>jaw-325           | Wire range:300mm <sup>2</sup><br>A.W.G.:(500/600MCM)<br>Max.current=650A |
| RNB 325-8  | 8         | 5/16"    | 8.4            |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-10 | 10        | 3/8"     | 10.5           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-11 | 11        | 7/16"    | 11.5           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-12 | 12        | 1/2"     | 13.0           | 50.5 | 45.0 | 105.7 | 35.5 | 37.6 | 28.0 | 4.3 | 5            | KH-230<br>jaw-325           | Wire range:300mm <sup>2</sup><br>A.W.G.:(500/600MCM)<br>Max.current=650A |
| RNB 325-14 | 14        | 9/16"    | 15.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-16 | 16        | 5/8"     | 17.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-18 | 18        | 11/16"   | 19.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-20 | 20        | 3/4"     | 21.0           | 50.5 | 45.0 | 105.7 | 35.5 | 37.6 | 28.0 | 4.3 | 5            | KH-230<br>jaw-325           | Wire range:300mm <sup>2</sup><br>A.W.G.:(500/600MCM)<br>Max.current=650A |
| RNB 325-22 | 22        | 7/8"     | 23.0           |      |      |       |      |      |      |     |              |                             |                                                                          |
| RNB 325-24 | 24        | 15/16"   | 25.0           |      |      |       |      |      |      |     |              |                             |                                                                          |

# Non-Insulated With Brazed Seam 90° Ring Terminals



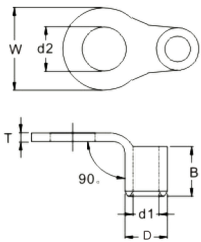
**Material:**

- Terminal Body: Copper
- Plating: Tin

| Item No.          | Stud Size |          | Dimension (mm) |      |     |     |     |      | Pcs/<br>Pack | Tools              | Explanation                                                |
|-------------------|-----------|----------|----------------|------|-----|-----|-----|------|--------------|--------------------|------------------------------------------------------------|
|                   | Metric    | American | d2             | W    | B   | D   | d1  | T    |              |                    |                                                            |
| DRN 0.5-2-90D     | 2         | #2       | 2.2            | 5.0  | 4.3 | 2.2 | 1.2 | 0.5  | 1000         | HS-101<br>jaw-0.5  | Wire range:0.2-1.5mm²<br>A.W.G.:(26-22)<br>Max.current=9A  |
| DRN 0.5-2.5-90D   | 2.5       | #3       | 2.7            | 5.0  |     |     |     |      |              |                    |                                                            |
| DRN 0.5-3-90D     | 3         | #4       | 3.2            | 5.0  |     |     |     |      |              |                    |                                                            |
| DRN 0.5-3.5-90D   | 3.5       | #6       | 3.7            | 6.0  |     |     |     |      |              |                    |                                                            |
| DRN 0.5-4-90D     | 4         | #8       | 4.3            | 6.5  |     |     |     |      |              |                    |                                                            |
| DRNL 0.5-4-90D    | 4         | #8       | 4.3            | 8.0  |     |     |     |      |              |                    |                                                            |
| DRN 0.5-5-90D     | 5         | #10      | 5.3            | 8.0  |     |     |     |      |              |                    |                                                            |
| DRNS 0.5-6-90D    | 6         | 1/4"     | 6.4            | 10.2 |     |     |     |      |              |                    |                                                            |
| DRNL 0.5-6-90D    | 6         | 1/4"     | 6.4            | 11.6 | 4.8 | 3.4 | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| RNB 1.25-2-90D    | 2         | #2       | 2.2            | 5.5  |     |     |     |      |              |                    |                                                            |
| RNB 1.25-2.5-90D  | 2.5       | #3       | 2.7            | 5.5  |     |     |     |      |              |                    |                                                            |
| RNB 1.25-3-90D    | 3         | #4       | 3.2            | 5.5  |     |     |     |      |              |                    |                                                            |
| RNBS 1.25-3.5-90D | 3.5       | #6       | 3.7            |      |     |     |     |      |              |                    |                                                            |
| RNBM 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.6  |     |     |     |      |              |                    |                                                            |
| RNBL 1.25-3.5-90D | 3.5       | #6       | 3.7            | 7.2  |     |     |     |      |              |                    |                                                            |
| RNBS 1.25-4-90D   | 4         | #8       | 4.3            | 6.6  |     |     |     |      |              |                    |                                                            |
| RNBL 1.25-4-90D   | 4         | #8       | 4.3            | 8.0  |     |     |     |      |              |                    |                                                            |
| RNBS 1.25-5-90D   | 5         | #10      | 5.3            |      |     |     |     |      |              |                    |                                                            |
| RNBL 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |     |     |     |      |              |                    |                                                            |
| RNBLL 1.25-5-90D  | 5         | #10      | 5.3            | 11.6 |     |     |     |      |              |                    |                                                            |
| RNBS 1.25-6-90D   | 6         | 1/4"     | 6.4            | 10.2 |     |     |     |      |              |                    |                                                            |
| RNBL 1.25-6-90D   | 6         | 1/4"     | 6.4            | 11.6 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-7-90D    | 7         | 5/16"    | 7.4            | 11.6 |     |     |     |      |              |                    |                                                            |
| RNBS 1.25-8-90D   | 8         | 5/16"    | 8.4            | 11.6 |     |     |     |      |              |                    |                                                            |
| RNBL 1.25-8-90D   | 8         | 5/16"    | 8.4            | 14.5 |     |     |     |      |              |                    |                                                            |
| RNBS 1.25-10-90D  | 10        | 3/8"     | 10.5           | 13.6 |     |     |     |      |              |                    |                                                            |
| RNBL 1.25-10-90D  | 10        | 3/8"     | 10.5           | 18.0 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-12-90D   | 12        | 1/2"     | 13.0           | 18.0 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-13-90D   | 13        | 9/16"    | 14.0           | 18.0 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-14-90D   | 14        | 9/16"    | 15.0           | 27.0 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-16-90D   | 16        | 5/8"     | 17.0           | 27.0 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-18-90D   | 18        | 11/16"   | 19.0           | 27.0 |     |     |     |      |              |                    |                                                            |
| RNB 1.25-20-90D   | 20        | 3/4"     | 21.0           | 27.0 |     |     |     |      |              |                    |                                                            |

Non-Insulated With Brazed Seam 90° Ring Terminals

- Material:
- Terminal Body: Copper
  - Plating: Tin

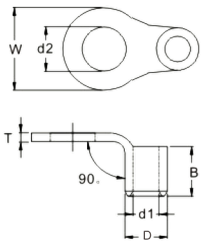


| Item No.       | Stud Size |          | Dimension (mm) |      |     |     |     |     | Pcs/<br>Pack | Tools             | Explanation                                                |  |  |
|----------------|-----------|----------|----------------|------|-----|-----|-----|-----|--------------|-------------------|------------------------------------------------------------|--|--|
|                | Metric    | American | d2             | W    | B   | D   | d1  | T   |              |                   |                                                            |  |  |
| RNB 2-2-90D    | 2         | #2       | 2.2            | 6.6  | 4.8 | 4.1 | 2.3 | 0.8 | 1000         | HS-101<br>jaw-2   | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |  |  |
| RNB 2-3-90D    | 3         | #4       | 3.2            |      |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 2-3.5-90D | 3.5       | #6       | 3.7            |      |     |     |     |     |              |                   |                                                            |  |  |
| RNBM 2-3.5-90D | 3.5       | #6       | 3.7            |      |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 2-3.5-90D | 3.5       | #6       | 3.7            | 8.5  |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 2-4-90D   | 4         | #8       | 4.3            | 6.6  |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 2-4-90D   | 4         | #8       | 4.3            | 8.5  |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 2-5-90D   | 5         | #10      | 5.3            |      |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 2-5-90D   | 5         | #10      | 5.3            | 9.5  |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 2-6-90D   | 6         | 1/4"     | 6.4            | 10.2 |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 2-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 2-8-90D   | 8         | 5/16"    | 8.4            | 12.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 2-8-90D   | 8         | 5/16"    | 8.4            | 14.5 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 2-9-90D    | 9         | 5/16"    | 9.8            | 13.6 |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 2-10-90D  | 10        | 3/8"     | 10.5           | 13.6 |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 2-10-90D  | 10        | 3/8"     | 10.5           | 18.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 2-12-90D   | 12        | 1/2"     | 13.0           | 18.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 2-14-90D   | 14        | 9/16"    | 15.0           | 27.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 2-16-90D   | 16        | 5/8"     | 17.0           | 27.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 2-18-90D   | 18        | 11/16"   | 19.0           | 27.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 2-20-90D   | 20        | 3/4"     | 21.0           | 27.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 3.5-3-90D | 3         | #4       | 3.2            | 5.5  | 6.0 | 5.0 | 3.0 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A   |  |  |
| RNB 3.5-3-90D  | 3         | #4       | 3.2            | 6.6  |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 3.5-4-90D | 4         | #8       | 4.3            | 6.6  |     |     |     |     |              |                   |                                                            |  |  |
| RNB 3.5-4-90D  | 4         | #8       | 4.3            | 8.0  |     |     |     |     |              |                   |                                                            |  |  |
| RNBS 3.5-5-90D | 5         | #10      | 5.3            | 8.0  |     |     |     |     |              |                   |                                                            |  |  |
| RNBM 3.5-5-90D | 5         | #10      | 5.3            | 9.5  |     |     |     |     |              |                   |                                                            |  |  |
| RNBL 3.5-5-90D | 5         | #10      | 5.3            | 12.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 3.5-6-90D  | 6         | 1/4"     | 6.4            | 12.0 |     |     |     |     | 500          |                   |                                                            |  |  |
| RNB 3.5-8-90D  | 8         | 5/16"    | 8.4            | 15.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 3.5-10-90D | 10        | 3/8"     | 10.5           | 15.0 |     |     |     |     |              |                   |                                                            |  |  |
| RNB 3.5-12-90D | 12        | 1/2"     | 13.0           | 19.2 |     |     |     |     |              |                   |                                                            |  |  |

# Non-Insulated With Brazed Seam 90° Ring Terminals

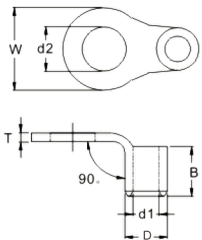
**Material:**

- Terminal Body: Copper
- Plating: Tin



| Item No.        | Stud Size |          | Dimension (mm) |      |     |     |     |     | Pcs/<br>Pack | Tools             | Explanation                                            |
|-----------------|-----------|----------|----------------|------|-----|-----|-----|-----|--------------|-------------------|--------------------------------------------------------|
|                 | Metric    | American | d2             | W    | B   | D   | d1  | T   |              |                   |                                                        |
| RNB 5.5-3-90D   | 3         | #4       | 3.2            | 7.2  | 6.0 | 5.6 | 3.4 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A |
| RNB 5.5-3.5-90D | 3.5       | #6       | 3.7            | 7.2  |     |     |     |     |              |                   |                                                        |
| RNBS 5.5-4-90D  | 4         | #8       | 4.3            | 7.2  |     |     |     |     |              |                   |                                                        |
| RNBL 5.5-4-90D  | 4         | #8       | 4.3            | 9.5  |     |     |     |     |              |                   |                                                        |
| RNB 5.5-5-90D   | 5         | #10      | 5.3            |      |     |     |     |     |              |                   |                                                        |
| RNB 5.5-6-90D   | 6         | 1/4"     | 6.4            | 12.2 |     |     |     |     |              |                   |                                                        |
| RNBL 5.5-6-90D  | 6         | 1/4"     | 6.4            | 11.8 |     |     |     |     |              |                   |                                                        |
| RNB 5.5-8-90D   | 8         | 5/16"    | 8.4            | 15.0 |     |     |     |     | 500          |                   |                                                        |
| RNB 5.5-10-90D  | 10        | 3/8"     | 10.5           | 15.0 |     |     |     |     |              |                   |                                                        |
| RNB 5.5-12-90D  | 12        | 1/2"     | 13.0           | 19.2 |     |     |     |     |              |                   |                                                        |
| RNB 5.5-13-90D  | 13        | 9/16"    | 14.0           | 19.2 |     |     |     |     |              |                   |                                                        |
| RNB 5.5-14-90D  | 14        | 9/16"    | 15.0           | 27.0 |     |     |     |     |              |                   |                                                        |
| RNB 5.5-16-90D  | 16        | 5/8"     | 17.0           |      |     |     |     |     |              |                   |                                                        |
| RNB 5.5-18-90D  | 18        | 11/16"   | 19.0           |      |     |     |     |     |              |                   |                                                        |
| RNB 5.5-20-90D  | 20        | 3/4"     | 21.0           |      |     |     |     |     |              |                   |                                                        |
| RNB 8-3.5-90D   | 3.5       | #6       | 3.7            | 8.8  | 8.5 | 7.2 | 4.5 | 1.2 | 500          | CT-38<br>jaw-8    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A    |
| RNBS 8-4-90D    | 4         | #8       | 4.3            | 8.8  |     |     |     |     |              |                   |                                                        |
| RNBL 8-4-90D    | 4         | #8       | 4.3            | 12.0 |     |     |     |     |              |                   |                                                        |
| RNBS 8-5-90D    | 5         | #10      | 5.3            | 8.8  |     |     |     |     |              |                   |                                                        |
| RNBM 8-5-90D    | 5         | #10      | 5.3            | 12.0 |     |     |     |     |              |                   |                                                        |
| RNBL 8-5-90D    | 5         | #10      | 5.3            | 15.0 |     |     |     |     |              |                   |                                                        |
| RNBS 8-6-90D    | 6         | 1/4"     | 6.4            | 12.0 |     |     |     |     | 250          |                   |                                                        |
| RNBL 8-6-90D    | 6         | 1/4"     | 6.4            | 15.0 |     |     |     |     |              |                   |                                                        |
| RNB 8-8-90D     | 8         | 5/16"    | 8.4            | 15.0 |     |     |     |     |              |                   |                                                        |
| RNB 8-10-90D    | 10        | 3/8"     | 10.5           | 15.0 |     |     |     |     |              |                   |                                                        |
| RNB 8-11-90D    | 11        | 7/16"    | 11.5           | 20.0 |     |     |     |     |              |                   |                                                        |
| RNB 8-12-90D    | 12        | 1/2"     | 13.0           | 22.0 |     |     |     |     |              |                   |                                                        |
| RNB 8-14-90D    | 14        | 9/16"    | 15.0           | 31.6 |     |     |     |     | 200          |                   |                                                        |
| RNB 8-16-90D    | 16        | 5/8"     | 17.0           |      |     |     |     |     |              |                   |                                                        |
| RNB 8-18-90D    | 18        | 11/16"   | 19.0           |      |     |     |     |     |              |                   |                                                        |
| RNB 8-20-90D    | 20        | 3/4"     | 21.0           |      |     |     |     |     |              |                   |                                                        |
| RNB 8-22-90D    | 22        | 7/8"     | 23.0           |      |     |     |     |     |              |                   |                                                        |

# Non-Insulated With Brazed Seam 90° Ring Terminals



- Material:**
- Terminal Body: Copper
  - Plating: Tin

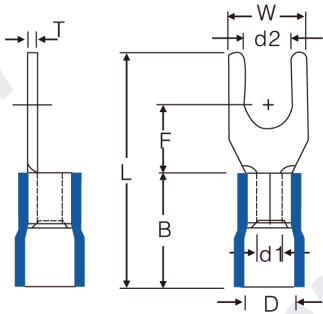
| Item No.       | Stud Size |          | Dimension (mm) |      |      |      |     |     | Pcs/<br>Pack | Tools           | Explanation                                                       |
|----------------|-----------|----------|----------------|------|------|------|-----|-----|--------------|-----------------|-------------------------------------------------------------------|
|                | Metric    | American | d2             | W    | B    | D    | d1  | T   |              |                 |                                                                   |
| RNB 14-4-90D   | 4         | #8       | 4.3            | 12.0 | 10.5 | 9.0  | 5.8 | 1.5 | 200          | CT-38<br>jaw-14 | Wire range:10-16mm <sup>2</sup><br>A.W.G.:(6)<br>Max.current=88A  |
| RNB 14-5-90D   | 5         | #10      | 5.3            |      |      |      |     |     |              |                 |                                                                   |
| RNBS 14-6-90D  | 6         | 1/4"     | 6.4            |      |      |      |     |     |              |                 |                                                                   |
| RNBL 14-6-90D  | 6         | 1/4"     | 6.4            | 16.0 |      |      |     |     |              |                 |                                                                   |
| RNB 14-8-90D   | 8         | 5/16"    | 8.4            |      |      |      |     |     |              |                 |                                                                   |
| RNB 14-10-90D  | 10        | 3/8"     | 10.5           |      |      |      |     |     |              |                 |                                                                   |
| RNBL 14-10-90D | 10        | 3/8"     | 10.5           | 22.0 |      |      |     |     |              |                 |                                                                   |
| RNB 14-11-90D  | 11        | 7/16"    | 11.5           |      |      |      |     |     |              |                 |                                                                   |
| RNB 14-12-90D  | 12        | 1/2"     | 13.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 14-14-90D  | 14        | 9/16"    | 15.0           | 31.6 |      |      |     |     |              |                 |                                                                   |
| RNB 14-16-90D  | 16        | 5/8"     | 17.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 14-18-90D  | 18        | 11/16"   | 19.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 14-20-90D  | 20        | 3/4"     | 21.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 14-22-90D  | 22        | 7/8"     | 23.0           |      |      |      |     |     |              |                 |                                                                   |
| RNBS 22-4-90D  | 4         | #8       | 4.3            | 12.2 | 12.0 | 11.5 | 7.7 | 1.7 | 200          | CT-38<br>jaw-22 | Wire range:16-25mm <sup>2</sup><br>A.W.G.:(4)<br>Max.current=115A |
| RNBS 22-5-90D  | 5         | #10      | 5.3            | 12.2 |      |      |     |     |              |                 |                                                                   |
| RNBL 22-5-90D  | 5         | #10      | 5.3            | 16.5 |      |      |     |     |              |                 |                                                                   |
| RNBS 22-6-90D  | 6         | 1/4"     | 6.4            | 12.2 |      |      |     |     |              |                 |                                                                   |
| RNBL 22-6-90D  | 6         | 1/4"     | 6.4            | 16.5 |      |      |     |     |              |                 |                                                                   |
| RNB 22-8-90D   | 8         | 5/16"    | 8.4            |      |      |      |     |     |              |                 |                                                                   |
| RNB 22-10-90D  | 10        | 3/8"     | 10.5           |      |      |      |     |     |              |                 |                                                                   |
| RNB 22-11-90D  | 10        | 7/16"    | 11.5           | 22.0 |      |      |     |     |              |                 |                                                                   |
| RNB 22-12-90D  | 12        | 1/2"     | 13.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 22-14-90D  | 14        | 9/16"    | 15.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 22-16-90D  | 16        | 5/8"     | 17.0           | 30.0 |      |      |     |     |              |                 |                                                                   |
| RNB 22-18-90D  | 18        | 11/16"   | 19.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 22-20-90D  | 20        | 3/4"     | 21.0           |      |      |      |     |     |              |                 |                                                                   |
| RNB 22-22-90D  | 22        | 7/8"     | 23.0           |      |      |      |     |     |              |                 |                                                                   |

# Vinyl Insulated-Single Crimp Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



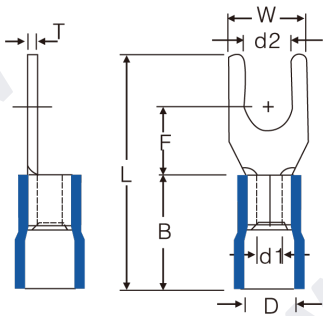
| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color | Tools              | Explanation                                                |      |      |     |      |      |     |                   |                                                            |
|--------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|-------|--------------------|------------------------------------------------------------|------|------|-----|------|------|-----|-------------------|------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SV 1.25-3    | 3         | #4       | 3.2            | 5.7  | 6.5  | 21.0 | 10.0 | 4.2 | 1.8 | 0.75 | 1000         | Red   | LY-03C<br>red jaw  | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |      |      |     |      |      |     |                   |                                                            |
| SVS 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                    |                                                            | 6.4  |      |     |      |      |     |                   |                                                            |
| SVL 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVS 1.25-4   | 4         | #8       | 4.3            | 6.4  |      |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVM 1.25-4   | 4         | #8       | 4.3            | 7.2  | 6.5  | 21.0 |      |     |     |      |              |       |                    |                                                            | 10.0 | 4.2  | 1.8 | 0.75 | 1000 | Red | LY-03C<br>red jaw | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| SVL 1.25-4   | 4         | #8       | 4.3            | 8.1  | 6.5  | 21.0 |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVS 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 6.5  | 21.2 |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVS 1.25-6   | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVL 1.25-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 27.2 |      |     |     |      |              |       |                    |                                                            | 10.0 | 4.2  | 1.8 | 0.75 | 1000 | Red | LY-03C<br>red jaw | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| SV 1.25-8    | 8         | 5/16"    | 8.4            | 14.0 | 11.8 | 28.0 |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SV 2-3       | 3         | #4       | 3.2            | 5.7  | 6.5  | 21.0 | 10.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue  | LY-03C<br>blue jaw | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |      |      |     |      |      |     |                   |                                                            |
| SVS 2-3.5    | 3.5       | #6       | 3.7            |      | 6.5  |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVL 2-3.5    | 3.5       | #6       | 3.7            | 6.4  | 6.5  |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVS 2-4      | 4         | #8       | 4.3            | 6.4  | 6.5  |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVM 2-4      | 4         | #8       | 4.3            | 7.2  | 6.5  |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVL 2-4      | 4         | #8       | 4.3            | 8.1  | 6.5  |      |      |     |     |      |              |       |                    |                                                            | 21.0 |      |     |      |      |     |                   |                                                            |
| SVS 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |
| SVL 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                            |      | 9.3  |     |      |      |     |                   |                                                            |
| SVS 2-6      | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |       |                    |                                                            |      | 9.2  |     |      |      |     |                   |                                                            |
| SVL 2-6      | 6         | 1/4"     | 6.4            | 12.0 | 11.0 |      |      |     |     |      |              |       |                    |                                                            | 27.2 | 10.0 | 4.9 | 2.3  | 0.8  | 500 | Blue              | LY-03C<br>blue jaw                                         |
| SV 2-8       | 8         | 5/16"    | 8.4            | 14.0 | 13.0 |      |      |     |     |      | 28.7         |       |                    |                                                            |      |      |     |      |      |     |                   |                                                            |

# Vinyl Insulated-Single Crimp Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance: 75°C**



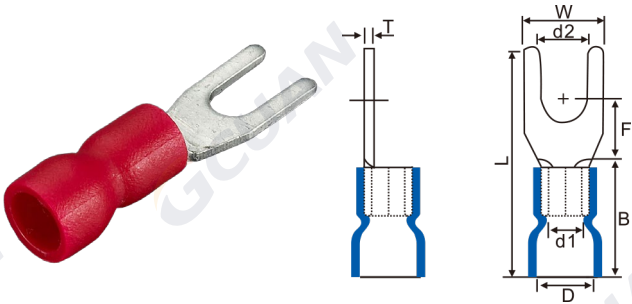
| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |      |      |     | Pcs/<br>Pack | Color  | Tools                   | Explanation                                              |                                                       |
|------------|-----------|----------|----------------|------|------|------|------|------|------|-----|--------------|--------|-------------------------|----------------------------------------------------------|-------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D    | d1   | T   |              |        |                         |                                                          |                                                       |
| SV 3.5-3   | 3         | #4       | 3.2            | 5.7  | 6.3  | 24.4 | 12.5 | 6.2  | 3.0  | 1.0 | 500          | Black  | LY-03C<br>yellow<br>jaw | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A |                                                       |
| SV 3.5-3.5 | 3.5       | #6       | 3.7            | 8.0  | 7.0  | 24.9 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 3.5-4   | 4         | #8       | 4.3            |      |      |      |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 3.5-5   | 5         | #10      | 5.3            | 12.0 | 8.7  | 28.0 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 3.5-6   | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 3.5-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 3.5-10  | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 5.5-3   | 3         | #4       | 3.2            | 7.3  | 6.5  | 25.7 | 13.0 | 6.6  | 3.4  | 1.0 | 500          | Yellow | LY-03C<br>yellow<br>jaw | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A   |                                                       |
| SV 5.5-3.5 | 3.5       | #6       | 3.7            | 8.3  | 7.0  | 25.7 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SVS 5.5-4  | 4         | #8       | 4.3            | 8.3  | 7.0  | 25.2 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SVL 5.5-4  | 4         | #8       | 4.3            | 9.0  | 7.0  | 25.5 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 5.5-5   | 5         | #10      | 5.3            | 9.0  | 7.0  | 25.5 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SVS 5.5-6  | 6         | 1/4"     | 6.4            | 9.2  | 7.0  | 25.7 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SVL 5.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 12.0 | 30.8 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 5.5-8   | 8         | 5/16"    | 8.4            | 14.0 | 12.0 | 30.8 | 15.5 | 8.0  | 4.5  | 1.2 | 250          | Red    | HS-38<br>jaw-14         | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A      |                                                       |
| SV 5.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 33.5 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 8-4     | 4         | #8       | 4.3            | 8.0  | 8.0  | 30.0 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 8-5     | 5         | #10      | 5.3            | 10.8 | 10.5 | 30.0 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 8-6     | 6         | 1/4"     | 6.4            | 10.8 | 10.5 | 30.0 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 8-8     | 8         | 5/16"    | 8.4            | 14.4 | 14.0 | 35.0 | 22.0 | 10.5 | 5.8  | 1.5 | 200          | Blue   | HS-38<br>jaw-22         | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current=88A     |                                                       |
| SV 8-10    | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 35.0 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 14-4    | 4         | #8       | 4.3            | 9.0  | 9.5  | 36.5 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 14-5    | 5         | #10      | 5.3            | 11.7 | 10.7 | 39.9 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 14-6    | 6         | 1/4"     | 6.4            | 11.7 | 10.7 | 39.7 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 14-8    | 8         | 5/16"    | 8.4            | 13.8 | 10.7 | 39.7 | 45.0 | 23.3 | 13.4 | 7.7 | 1.7          | 100    | Yellow                  | HS-38<br>jaw-38                                          | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current=115A |
| SV 14-10   | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 39.7 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 22-5    | 5         | #10      | 5.3            | 13.8 | 9.0  | 45.0 |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 22-6    | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 22-8    | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |        |                         |                                                          |                                                       |
| SV 22-10   | 10        | 3/8"     | 10.5           |      |      |      | 16.5 | 13.5 |      |     |              |        |                         |                                                          |                                                       |

# Easy Entry Insulated Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



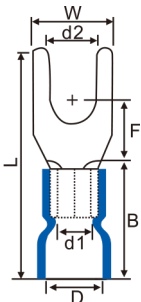
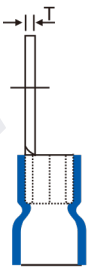
| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color | Tools              | Explanation                                                 |      |     |
|--------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|-------|--------------------|-------------------------------------------------------------|------|-----|
|              | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |       |                    |                                                             |      |     |
| SE 1.25-3    | 3         | #4       | 3.2            | 5.7  | 6.5  | 21.0 | 10.0 | 4.2 | 1.8 | 0.75 | 1000         | Red   | LY-03C<br>red jaw  | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |      |     |
| SES 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                    |                                                             | 6.4  |     |
| SEL 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SES 1.25-4   | 4         | #8       | 4.3            | 6.4  |      |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SEM 1.25-4   | 4         | #8       | 4.3            | 7.2  | 6.5  | 21.0 |      |     |     |      |              |       |                    |                                                             | 500  |     |
| SEL 1.25-4   | 4         | #8       | 4.3            | 8.1  | 6.5  | 21.0 |      |     |     |      |              |       |                    |                                                             |      |     |
| SES 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SEL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 6.5  | 21.2 |      |     |     |      |              |       |                    |                                                             |      |     |
| SES 1.25-6   | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |       |                    |                                                             |      | 6.5 |
| SEL 1.25-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 27.2 |      |     |     |      |              |       |                    |                                                             |      |     |
| SE 1.25-8    | 8         | 5/16"    | 8.4            | 14.0 | 11.8 | 28.0 |      |     |     |      |              |       |                    |                                                             |      |     |
| SE 2-3       | 3         | #4       | 3.2            | 5.7  | 6.5  | 21.0 | 10.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue  | LY-03C<br>blue jaw | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |      |     |
| SES 2-3.5    | 3.5       | #6       | 3.7            |      | 6.5  |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SEL 2-3.5    | 3.5       | #6       | 3.7            | 6.4  | 6.5  |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SES 2-4      | 4         | #8       | 4.3            | 6.4  | 6.5  |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SEM 2-4      | 4         | #8       | 4.3            | 7.2  | 6.5  |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SEL 2-4      | 4         | #8       | 4.3            | 8.1  | 6.5  |      |      |     |     |      |              |       |                    |                                                             | 21.0 |     |
| SES 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                             |      |     |
| SEL 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |       |                    |                                                             |      | 9.3 |
| SES 2-6      | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |       |                    |                                                             |      | 9.2 |
| SEL 2-6      | 6         | 1/4"     | 6.4            | 12.0 | 11.0 |      |      |     |     |      |              |       |                    |                                                             | 27.2 | 500 |
| SE 2-8       | 8         | 5/16"    | 8.4            | 14.0 | 13.0 |      |      |     |     |      | 28.7         |       |                    |                                                             |      |     |

# Easy Entry Insulated Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance: 75°C**



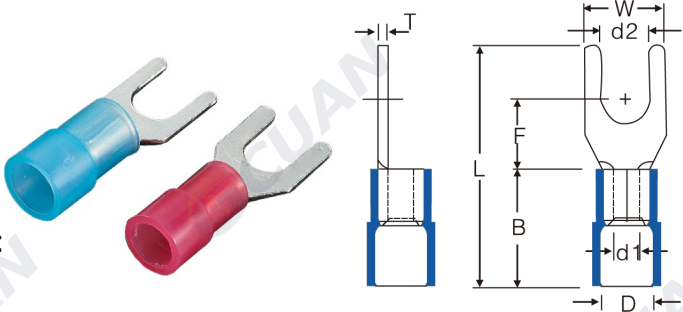
| Item No.   | Stud Size |          | Dimension (mm) |      |      |      |      |      |      |     | Pcs/<br>Pack | Color  | Tools                | Explanation                                              |                                                       |
|------------|-----------|----------|----------------|------|------|------|------|------|------|-----|--------------|--------|----------------------|----------------------------------------------------------|-------------------------------------------------------|
|            | Metric    | American | d2             | W    | F    | L    | B    | D    | d1   | T   |              |        |                      |                                                          |                                                       |
| SE 3.5-3   | 3         | #4       | 3.2            | 5.7  | 6.3  | 24.4 | 12.5 | 6.2  | 3.0  | 1.0 | 500          | Black  | LY-03C<br>yellow jaw | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A |                                                       |
| SE 3.5-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 3.5-4   | 4         | #8       | 4.3            | 8.0  | 7.0  | 24.9 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 3.5-5   | 5         | #10      | 5.3            |      |      |      |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 3.5-6   | 6         | 1/4"     | 6.4            | 12.0 | 8.7  | 28.0 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 3.5-8   | 8         | 5/16"    | 8.4            | 14.0 | 11.5 | 30.3 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 3.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 33.1 | 13.0 | 6.6  | 3.4  | 1.0 | 500          | Yellow | LY-03C<br>yellow jaw | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A   |                                                       |
| SE 5.5-3   | 3         | #4       | 3.2            | 7.3  | 6.5  | 25.7 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 5.5-3.5 | 3.5       | #6       | 3.7            | 8.3  | 7.0  | 25.7 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SES 5.5-4  | 4         | #8       | 4.3            | 8.3  | 7.0  | 25.2 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SEL 5.5-4  | 4         | #8       | 4.3            | 9.0  | 7.0  | 25.5 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 5.5-5   | 5         | #10      | 5.3            | 9.0  | 7.0  | 25.5 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SES 5.5-6  | 6         | 1/4"     | 6.4            | 9.2  | 7.0  | 25.7 | 15.5 | 8.0  | 4.5  | 1.2 | 250          | Red    | HS-38<br>jaw-14      | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A      |                                                       |
| SEL 5.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 12.0 | 30.8 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 5.5-8   | 8         | 5/16"    | 8.4            | 14.0 | 12.0 | 30.8 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 5.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 33.5 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 8-4     | 4         | #8       | 4.3            | 8.0  | 8.0  | 30.0 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 8-5     | 5         | #10      | 5.3            | 10.8 | 10.5 | 30.0 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 8-6     | 6         | 1/4"     | 6.4            | 10.8 | 10.5 | 30.0 | 22.0 | 10.5 | 5.8  | 1.5 | 200          | Blue   | HS-38<br>jaw-22      | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current=88A     |                                                       |
| SE 8-8     | 8         | 5/16"    | 8.4            | 14.4 | 14.0 | 35.0 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 8-10    | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 35.0 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 14-4    | 4         | #8       | 4.3            | 9.0  | 9.5  | 36.5 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 14-5    | 5         | #10      | 5.3            | 11.7 | 10.7 | 39.9 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 14-6    | 6         | 1/4"     | 6.4            | 11.7 | 10.7 | 39.7 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 14-8    | 8         | 5/16"    | 8.4            | 13.8 | 10.7 | 39.7 | 45.0 | 23.3 | 13.4 | 7.7 | 1.7          | 100    | Yellow               | HS-38<br>jaw-38                                          | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current=115A |
| SE 14-10   | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 39.7 |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 22-5    | 5         | #10      | 5.3            |      |      |      |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 22-6    | 6         | 1/4"     | 6.4            | 13.8 | 9.0  |      |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 22-8    | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |        |                      |                                                          |                                                       |
| SE 22-10   | 10        | 3/8"     | 10.5           | 16.5 | 13.5 |      |      |      |      |     |              |        |                      |                                                          |                                                       |

# Nylon Insulated-Single Crimp Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



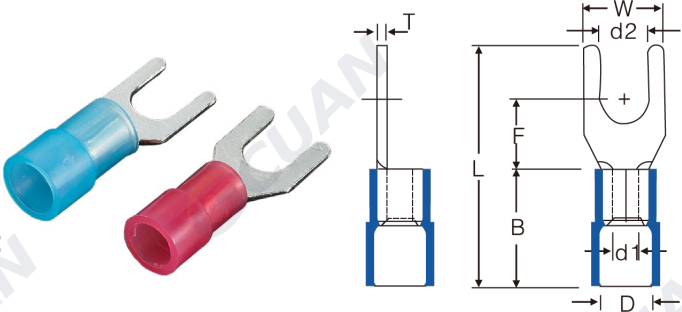
| Item No.       | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools              | Explanation                                                 |
|----------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|--------|--------------------|-------------------------------------------------------------|
|                | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |        |                    |                                                             |
| DSNYB 0.5-2    | 2         | #2       | 2.2            | 5.0  | 4.0  | 14.6 | 7.7  | 2.8 | 1.2 | 0.5  | 1000         | Yellow | /                  | Wire range:0.2-0.5mm²<br>A.W.G.: (26-22)<br>Max.current=9A  |
| DSNYB 0.5-3    | 3         | #4       | 3.2            | 5.0  | 4.1  | 14.6 |      |     |     |      |              |        |                    |                                                             |
| DSNYB 0.5-3.5  | 3.5       | #6       | 3.7            | 6.0  | 6.0  | 16.9 |      |     |     |      |              |        |                    |                                                             |
| DSNYB 0.5-4    | 4         | #8       | 4.3            | 6.5  | 6.0  | 16.9 |      |     |     |      |              |        |                    |                                                             |
| DSNYB 0.5-5    | 5         | #10      | 5.3            | 8.0  | 6.5  | 18.1 |      |     |     |      |              |        |                    |                                                             |
| SNYB 1.25-3    | 3         | #4       | 3.2            | 5.7  | 6.5  | 21.7 | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | LY-03C<br>red jaw  | Wire range:0.5-1.5mm²<br>A.W.G.: (26-22)<br>Max.current=19A |
| SNYBS 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-3.5 | 3.5       | #6       | 3.7            | 6.4  |      |      |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-4   | 4         | #8       | 4.3            | 6.4  |      |      |      |     |     |      |              |        |                    |                                                             |
| SNYBM 1.25-4   | 4         | #8       | 4.3            | 7.2  | 6.5  | 21.7 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-4   | 4         | #8       | 4.3            | 8.1  | 6.5  | 21.7 |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-5   | 5         | #10      | 5.3            |      | 6.5  | 21.7 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 6.5  | 21.7 |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-6   | 6         | 1/4"     | 6.4            |      | 6.5  | 22.4 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 27.7 |      |     |     |      |              |        |                    |                                                             |
| SNYB 1.25-8    | 8         | 5/16"    | 8.4            | 14.0 | 11.8 | 28.5 |      |     |     |      |              |        |                    |                                                             |
| SNYB 2-3       | 3         | #4       | 3.2            | 5.7  | 6.5  | 21.7 | 11.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | LY-03C<br>blue jaw | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| SNYBS 2-3.5    | 3.5       | #6       | 3.7            |      | 6.5  | 21.7 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-3.5    | 3.5       | #6       | 3.7            | 6.4  | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-4      | 4         | #8       | 4.3            | 6.4  | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBM 2-4      | 4         | #8       | 4.3            | 7.2  | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-4      | 4         | #8       | 4.3            | 8.1  | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-5      | 5         | #10      | 5.3            |      | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-5      | 5         | #10      | 5.3            | 9.3  | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-6      | 6         | 1/4"     | 6.4            | 9.3  | 6.5  | 22.2 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-6      | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 28.2 |      |     |     |      |              |        |                    |                                                             |
| SNYB 2-8       | 8         | 5/16"    | 8.4            | 14.0 | 13.0 | 29.7 |      |     |     |      |              |        |                    |                                                             |

# Nylon Insulated-Single Crimp Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



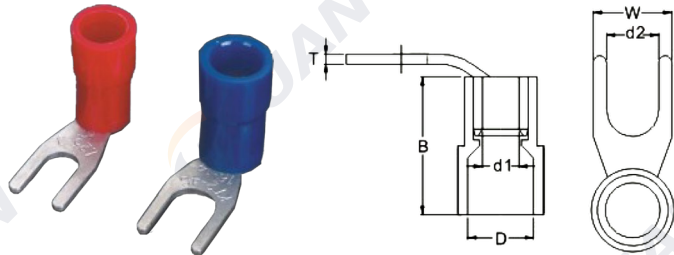
| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |      |     |     | Pcs/<br>Pack | Color       | Tools                | Explanation                                              |
|--------------|-----------|----------|----------------|------|------|------|------|------|-----|-----|--------------|-------------|----------------------|----------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B    | D    | d1  | T   |              |             |                      |                                                          |
| SNYB 3.5-3   | 3         | #4       | 3.2            | 5.7  | 6.3  | 25.3 | 13.5 | 6.3  | 3.0 | 1.0 | 500          | Black       | LY-03C<br>yellow jaw | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A |
| SNYB 3.5-3.5 | 3.5       | #6       | 3.7            | 8.0  | 7.0  | 25.8 |      |      |     |     |              |             |                      |                                                          |
| SNYB 3.5-4   | 4         | #8       | 4.3            |      |      |      |      |      |     |     |              |             |                      |                                                          |
| SNYB 3.5-5   | 5         | #10      | 5.3            | 12.0 | 8.7  | 29.0 |      |      |     |     |              |             |                      |                                                          |
| SNYB 3.5-6   | 6         | 1/4"     | 6.4            |      |      |      |      |      |     |     |              |             |                      |                                                          |
| SNYB 3.5-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |     |     |              |             |                      |                                                          |
| SNYB 3.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 34.0 |      |      |     |     |              |             |                      |                                                          |
| SNYB 5.5-3   | 3         | #4       | 3.2            | 7.3  | 6.5  | 26.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 5.5-3.5 | 3.5       | #6       | 3.7            | 8.3  | 7.0  | 26.2 |      |      |     |     |              |             |                      |                                                          |
| SNYBS 5.5-4  | 4         | #8       | 4.3            | 8.3  | 7.0  | 25.7 |      |      |     |     |              |             |                      |                                                          |
| SNYBL 5.5-4  | 4         | #8       | 4.3            | 9.0  | 7.0  | 26.0 |      |      |     |     |              |             |                      |                                                          |
| SNYB 5.5-5   | 5         | #10      | 5.3            | 9.0  | 7.0  | 25.7 |      |      |     |     |              |             |                      |                                                          |
| SNYBS 5.5-6  | 6         | 1/4"     | 6.4            | 9.2  | 7.0  | 26.2 |      |      |     |     |              |             |                      |                                                          |
| SNYBL 5.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 12.0 | 31.3 | 16.7 | 8.0  | 4.5 | 1.2 | 250          | Red         | /                    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A      |
| SNYB 5.5-8   | 8         | 5/16"    | 8.4            | 14.0 | 12.0 | 31.3 |      |      |     |     |              |             |                      |                                                          |
| SNYB 5.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 34.0 |      |      |     |     |              |             |                      |                                                          |
| SNYB 8-4     | 4         | #8       | 4.3            | 8.0  | 8.0  | 31.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 8-5     | 5         | #10      | 5.3            | 10.8 | 10.5 | 31.2 | 21.5 | 11.0 | 5.8 | 1.5 | 200          | Blue        | /                    | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current = 88A   |
| SNYB 8-6     | 6         | 1/4"     | 6.4            | 10.8 | 10.5 | 31.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 8-8     | 8         | 5/16"    | 8.4            | 14.4 | 14.0 | 36.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 8-10    | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 36.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 14-4    | 4         | #8       | 4.3            | 9.0  | 9.5  | 36.0 | 24.0 | 13.0 | 8.0 | 1.7 | 100          | Yellow<br>w | /                    | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current = 115A  |
| SNYB 14-5    | 5         | #10      | 5.3            | 11.7 | 10.7 | 39.4 |      |      |     |     |              |             |                      |                                                          |
| SNYB 14-6    | 6         | 1/4"     | 6.4            | 11.7 | 10.7 | 39.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 14-8    | 8         | 5/16"    | 8.4            | 13.8 | 10.7 | 39.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 14-10   | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 39.2 |      |      |     |     |              |             |                      |                                                          |
| SNYB 22-5    | 5         | #10      | 5.3            | 13.8 | 9.0  | 45.7 |      |      |     |     |              |             |                      |                                                          |
| SNYB 22-6    | 6         | 1/4"     | 6.4            | 13.8 | 9.0  | 45.7 |      |      |     |     |              |             |                      |                                                          |
| SNYB 22-8    | 8         | 5/16"    | 8.4            |      |      |      |      |      |     |     |              |             |                      |                                                          |
| SNYB 22-10   | 10        | 3/8"     | 10.5           |      |      |      |      |      |     |     |              |             |                      |                                                          |

# Nylon Insulated-Single Crimp 90° Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



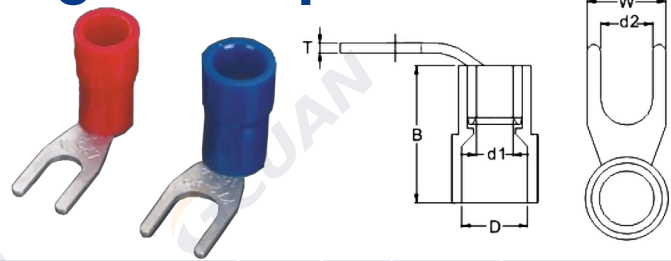
| Item No.           | Stud Size |          | Dimension (mm) |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools              | Explanation                                                 |
|--------------------|-----------|----------|----------------|------|------|-----|-----|------|--------------|--------|--------------------|-------------------------------------------------------------|
|                    | Metric    | American | d2             | W    | B    | D   | d1  | T    |              |        |                    |                                                             |
| DSNYB 0.5-2-90D    | 2         | #2       | 2.2            | 5.0  | 7.7  | 2.8 | 1.2 | 0.5  | 1000         | Yellow | /                  | Wire range:0.2-0.5mm²<br>A.W.G.: (26-22)<br>Max.current=9A  |
| DSNYB 0.5-3-90D    | 3         | #4       | 3.2            | 5.0  |      |     |     |      |              |        |                    |                                                             |
| DSNYB 0.5-3.5-90D  | 3.5       | #6       | 3.7            | 6.0  |      |     |     |      |              |        |                    |                                                             |
| DSNYB 0.5-4-90D    | 4         | #8       | 4.3            | 6.5  |      |     |     |      |              |        |                    |                                                             |
| DSNYB 0.5-5-90D    | 5         | #10      | 5.3            | 8.0  | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | LY-03C<br>red jaw  | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| SNYB 1.25-3-90D    | 3         | #4       | 3.2            | 5.7  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.4  |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.4  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-4-90D   | 4         | #8       | 4.3            | 6.4  |      |     |     |      |              |        |                    |                                                             |
| SNYBM 1.25-4-90D   | 4         | #8       | 4.3            | 7.2  |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-4-90D   | 4         | #8       | 4.3            | 8.1  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 1.25-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 1.25-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |      |              |        |                    |                                                             |
| SNYB 1.25-8-90D    | 8         | 5/16"    | 8.4            | 14.0 | 11.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | LY-03C<br>blue jaw | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| SNYB 2-3-90D       | 3         | #4       | 3.2            | 5.7  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-3.5-90D    | 3.5       | #6       | 3.7            | 6.4  |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-3.5-90D    | 3.5       | #6       | 3.7            | 6.4  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-4-90D      | 4         | #8       | 4.3            | 6.4  |      |     |     |      |              |        |                    |                                                             |
| SNYBM 2-4-90D      | 4         | #8       | 4.3            | 7.2  |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-4-90D      | 4         | #8       | 4.3            | 8.1  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-5-90D      | 5         | #10      | 5.3            | 9.3  |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-5-90D      | 5         | #10      | 5.3            | 9.3  |      |     |     |      |              |        |                    |                                                             |
| SNYBS 2-6-90D      | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |      |              |        |                    |                                                             |
| SNYBL 2-6-90D      | 6         | 1/4"     | 6.4            | 12.0 |      |     |     |      |              |        |                    |                                                             |
| SNYB 2-8-90D       | 8         | 5/16"    | 8.4            | 14.0 |      |     |     |      |              |        |                    |                                                             |

# Nylon Insulated-Single Crimp 90° Spade Terminals

## Material:

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

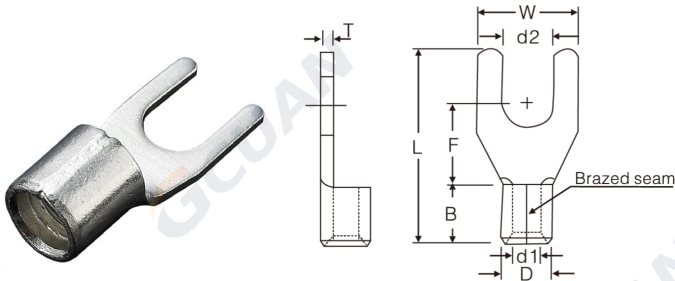
**Maximum Temperature Resistance:** 105°C



| Item No.         | Stud Size |          | Dimension (mm) |      |      |      |     |     | Pcs/<br>Pack | Color  | Tools                | Explanation                                                           |
|------------------|-----------|----------|----------------|------|------|------|-----|-----|--------------|--------|----------------------|-----------------------------------------------------------------------|
|                  | Metric    | American | d2             | W    | B    | D    | d1  | T   |              |        |                      |                                                                       |
| SNYB 3.5-3-90D   | 3         | #4       | 3.2            | 5.7  | 13.5 | 6.3  | 3.0 | 1.0 | 500          | Black  | LY-03C<br>yellow jaw | Wire range:2.5-4mm <sup>2</sup><br>A.W.G.: (14-12)<br>Max.current=37A |
| SNYB 3.5-3.5-90D | 3.5       | #6       | 3.7            |      |      |      |     |     |              |        |                      |                                                                       |
| SNYB 3.5-4-90D   | 4         | #8       | 4.3            | 8.0  |      |      |     |     |              |        |                      |                                                                       |
| SNYB 3.5-5-90D   | 5         | #10      | 5.3            |      |      |      |     |     |              |        |                      |                                                                       |
| SNYB 3.5-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 3.5-8-90D   | 8         | 5/16"    | 8.4            | 14.0 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 3.5-10-90D  | 10        | 3/8"     | 10.5           | 17.5 | 13.5 | 6.7  | 3.4 | 1.0 | 500          | Yellow | LY-03C<br>yellow jaw | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current=48A   |
| SNYB 5.5-3-90D   | 3         | #4       | 3.2            | 7.3  |      |      |     |     |              |        |                      |                                                                       |
| SNYB 5.5-3.5-90D | 3.5       | #6       | 3.7            | 8.3  |      |      |     |     |              |        |                      |                                                                       |
| SNYBS 5.5-4-90D  | 4         | #8       | 4.3            | 8.3  |      |      |     |     |              |        |                      |                                                                       |
| SNYBL 5.5-4-90D  | 4         | #8       | 4.3            | 9.0  |      |      |     |     |              |        |                      |                                                                       |
| SNYB 5.5-5-90D   | 5         | #10      | 5.3            | 9.0  |      |      |     |     |              |        |                      |                                                                       |
| SNYBS 5.5-6-90D  | 6         | 1/4"     | 6.4            | 9.2  | 16.7 | 8.0  | 4.5 | 1.2 | 250          | Red    | /                    | Wire range:6-10mm <sup>2</sup><br>A.W.G.: (8)<br>Max.current=62A      |
| SNYBL 5.5-6-90D  | 6         | 1/4"     | 6.4            | 12.0 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 5.5-8-90D   | 8         | 5/16"    | 8.4            | 14.0 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 5.5-10-90D  | 10        | 3/8"     | 10.5           | 17.5 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 8-4-90D     | 4         | #8       | 4.3            | 8.0  |      |      |     |     |              |        |                      |                                                                       |
| SNYB 8-5-90D     | 5         | #10      | 5.3            | 10.8 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 14-4-90D    | 4         | #8       | 4.3            | 9.0  | 21.5 | 11.0 | 5.8 | 1.5 | 200          | Blue   | /                    | Wire range:10-16mm <sup>2</sup><br>A.W.G.: (6)<br>Max.current=88A     |
| SNYB 14-5-90D    | 5         | #10      | 5.3            | 11.7 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 14-6-90D    | 6         | 1/4"     | 6.4            | 11.7 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 14-8-90D    | 8         | 5/16"    | 8.4            | 13.8 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 14-10-90D   | 10        | 3/8"     | 10.5           | 15.9 | 24.0 | 13.0 | 8.0 | 1.7 | 100          | Yellow | /                    | Wire range:16-25mm <sup>2</sup><br>A.W.G.: (4)<br>Max.current=115A    |
| SNYB 22-5-90D    | 5         | #10      | 5.3            | 13.8 |      |      |     |     |              |        |                      |                                                                       |
| SNYB 22-6-90D    | 6         | 1/4"     | 6.4            |      |      |      |     |     |              |        |                      |                                                                       |
| SNYB 22-8-90D    | 8         | 5/16"    | 8.4            |      |      |      |     |     |              |        |                      |                                                                       |
| SNYB 22-10-90D   | 10        | 3/8"     | 10.5           | 16.5 |      |      |     |     |              |        |                      |                                                                       |

# Non-Insulated With Brazed Seam Spade Terminals

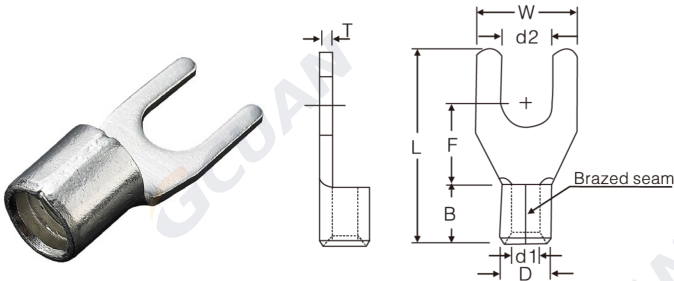
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.      | Stud Size |          | Dimension (mm) |      |      |      |     |     |     |      | Pcs/<br>Pack | Tools              | Explanation                                                 |     |
|---------------|-----------|----------|----------------|------|------|------|-----|-----|-----|------|--------------|--------------------|-------------------------------------------------------------|-----|
|               | Metric    | American | d2             | W    | F    | L    | B   | D   | d1  | T    |              |                    |                                                             |     |
| DSN 0.5-2     | 2         | #2       | 2.2            | 5.0  | 4.0  | 11.2 | 4.3 | 2.2 | 1.2 | 0.5  | 1000         | HS-101<br>jaw-0.5  | Wire range:0.2-0.5mm²<br>A.W.G.: (26-22)<br>Max.current=9A  |     |
| DSN 0.5-3     | 3         | #4       | 3.2            | 5.0  | 4.1  | 11.2 |     |     |     |      |              |                    |                                                             |     |
| DSN 0.5-3.5   | 3.5       | #6       | 3.7            | 6.0  | 6.0  | 13.5 |     |     |     |      |              |                    |                                                             |     |
| DSN 0.5-4     | 4         | #8       | 4.3            | 6.5  | 6.0  | 13.5 |     |     |     |      |              |                    |                                                             |     |
| DSN 0.5-5     | 5         | #10      | 5.3            | 8.0  | 6.5  | 14.7 | 4.8 | 3.4 | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |     |
| SNB 1.25-3    | 3         | #4       | 3.2            | 5.7  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBS 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |     |     |     |      |              |                    |                                                             |     |
| SNBL 1.25-3.5 | 3.5       | #6       | 3.7            |      |      |      |     |     |     |      |              |                    |                                                             | 6.4 |
| SNBS 1.25-4   | 4         | #8       | 4.3            |      |      |      |     |     |     |      |              |                    |                                                             | 6.4 |
| SNBM 1.25-4   | 4         | #8       | 4.3            | 7.2  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBL 1.25-4   | 4         | #8       | 4.3            | 8.1  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBS 1.25-5   | 5         | #10      | 5.3            |      | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBL 1.25-5   | 5         | #10      | 5.3            | 9.5  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBS 1.25-6   | 6         | 1/4"     | 6.4            |      | 6.5  | 16.7 |     |     |     |      |              |                    |                                                             |     |
| SNBL 1.25-6   | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 22.0 |     |     |     |      |              |                    |                                                             |     |
| SNB 1.25-8    | 8         | 5/16"    | 8.4            | 14.0 | 11.8 | 22.8 | 4.8 | 4.1 | 2.3 | 0.8  | 1000         | HS-101<br>jaw-2    | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |     |
| SNB 2-3       | 3         | #4       | 3.2            | 5.7  | 6.5  | 15.5 |     |     |     |      |              |                    |                                                             |     |
| SNBS 2-3.5    | 3.5       | #6       | 3.7            |      | 6.5  | 15.5 |     |     |     |      |              |                    |                                                             |     |
| SNBL 2-3.5    | 3.5       | #6       | 3.7            | 6.4  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBS 2-4      | 4         | #8       | 4.3            | 6.4  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBM 2-4      | 4         | #8       | 4.3            | 7.2  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBL 2-4      | 4         | #8       | 4.3            | 8.1  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBS 2-5      | 5         | #10      | 5.3            |      | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBL 2-5      | 5         | #10      | 5.3            | 9.3  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBS 2-6      | 6         | 1/4"     | 6.4            | 9.3  | 6.5  | 16.0 |     |     |     |      |              |                    |                                                             |     |
| SNBL 2-6      | 6         | 1/4"     | 6.4            | 12.0 | 11.0 | 22.0 |     |     |     |      |              |                    |                                                             |     |
| SNB 2-8       | 8         | 5/16"    | 8.4            | 14.0 | 13.0 | 23.5 |     |     |     |      |              |                    |                                                             |     |

# Non-Insulated With Brazed Seam Spade Terminals

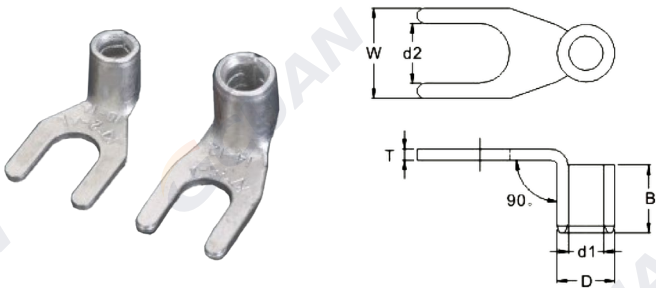
- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.    | Stud Size |          | Dimension (mm) |      |      |      |      |      |     |     | Pcs/<br>Pack | Tools             | Explanation                                                |
|-------------|-----------|----------|----------------|------|------|------|------|------|-----|-----|--------------|-------------------|------------------------------------------------------------|
|             | Metric    | American | d2             | W    | F    | L    | B    | D    | d1  | T   |              |                   |                                                            |
| SNB 3.5-3   | 3         | #4       | 3.2            | 5.7  | 6.3  | 17.8 | 6.0  | 5.0  | 3.0 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current = 37A |
| SNB 3.5-3.5 | 3.5       | #6       | 3.7            | 8.0  | 7.0  | 18.3 |      |      |     |     |              |                   |                                                            |
| SNB 3.5-4   | 4         | #8       | 4.3            |      |      |      |      |      |     |     |              |                   |                                                            |
| SNB 3.5-5   | 5         | #10      | 5.3            | 12.0 | 8.7  | 21.5 |      |      |     |     |              |                   |                                                            |
| SNB 3.5-6   | 6         | 1/4"     | 6.4            |      |      |      |      |      |     |     |              |                   |                                                            |
| SNB 3.5-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |     |     |              |                   |                                                            |
| SNB 3.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 26.5 | 6.0  | 5.6  | 3.4 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current = 48A   |
| SNB 5.5-3   | 3         | #4       | 3.2            | 7.3  | 6.5  | 18.7 |      |      |     |     |              |                   |                                                            |
| SNB 5.5-3.5 | 3.5       | #6       | 3.7            | 8.3  | 7.0  | 18.7 |      |      |     |     |              |                   |                                                            |
| SNBS 5.5-4  | 4         | #8       | 4.3            | 8.3  | 7.0  | 18.2 |      |      |     |     |              |                   |                                                            |
| SNBL 5.5-4  | 4         | #8       | 4.3            | 9.0  | 7.0  | 18.5 |      |      |     |     |              |                   |                                                            |
| SNB 5.5-5   | 5         | #10      | 5.3            | 9.0  | 7.0  | 18.2 |      |      |     |     |              |                   |                                                            |
| SNBS 5.5-6  | 6         | 1/4"     | 6.4            | 9.2  | 7.0  | 18.7 | 8.5  | 7.2  | 4.5 | 1.2 | 500          | HS-38<br>jaw-8    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current = 62A      |
| SNBL 5.5-6  | 6         | 1/4"     | 6.4            | 12.0 | 12.0 | 23.8 |      |      |     |     |              |                   |                                                            |
| SNB 5.5-8   | 8         | 5/16"    | 8.4            | 14.0 | 12.0 | 23.8 |      |      |     |     |              |                   |                                                            |
| SNB 5.5-10  | 10        | 3/8"     | 10.5           | 17.5 | 12.5 | 26.5 |      |      |     |     |              |                   |                                                            |
| SNB 8-4     | 4         | #8       | 4.3            | 8.0  | 8.0  | 23.0 |      |      |     |     |              |                   |                                                            |
| SNB 8-5     | 5         | #10      | 5.3            | 10.8 | 10.5 | 23.0 | 11.0 | 9.0  | 5.8 | 1.5 | 250          | HS-38<br>jaw-14   | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current = 88A     |
| SNB 8-6     | 6         | 1/4"     | 6.4            | 10.8 | 10.5 | 23.0 |      |      |     |     |              |                   |                                                            |
| SNB 8-8     | 8         | 5/16"    | 8.4            | 14.4 | 14.0 | 28.0 |      |      |     |     |              |                   |                                                            |
| SNB 8-10    | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 28.0 |      |      |     |     |              |                   |                                                            |
| SNB 14-4    | 4         | #8       | 4.3            | 9.0  | 9.5  | 25.5 | 12.0 | 11.5 | 8.0 | 1.7 | 200          | HS-38<br>jaw-22   | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current = 115A    |
| SNB 14-5    | 5         | #10      | 5.3            | 11.7 | 10.7 | 28.9 |      |      |     |     |              |                   |                                                            |
| SNB 14-6    | 6         | 1/4"     | 6.4            | 11.7 | 10.7 | 28.7 |      |      |     |     |              |                   |                                                            |
| SNB 14-8    | 8         | 5/16"    | 8.4            | 13.8 | 10.7 | 28.7 |      |      |     |     |              |                   |                                                            |
| SNB 14-10   | 10        | 3/8"     | 10.5           | 15.9 | 10.7 | 28.7 | 12.0 | 11.5 | 8.0 | 1.7 | 200          | HS-38<br>jaw-22   | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current = 115A    |
| SNB 22-5    | 5         | #10      | 5.3            | 13.8 | 9.0  | 33.7 |      |      |     |     |              |                   |                                                            |
| SNB 22-6    | 6         | 1/4"     | 6.4            | 13.8 | 9.0  | 33.7 |      |      |     |     |              |                   |                                                            |
| SNB 22-8    | 8         | 5/16"    | 8.4            | 13.8 | 9.0  | 33.7 |      |      |     |     |              |                   |                                                            |
| SNB 22-10   | 10        | 3/8"     | 10.5           | 16.5 | 13.5 | 33.7 |      |      |     |     |              |                   |                                                            |

# Non-Insulated With Brazed Seam 90° Spade Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin

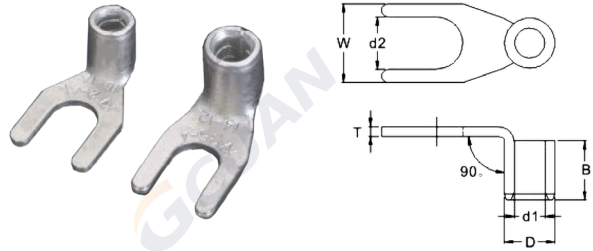


| Item No.          | Stud Size |          | Dimension (mm) |      |     |     |     |      | Pcs/<br>Pack | Tools              | Explanation                                                |
|-------------------|-----------|----------|----------------|------|-----|-----|-----|------|--------------|--------------------|------------------------------------------------------------|
|                   | Metric    | American | d2             | W    | B   | D   | d1  | T    |              |                    |                                                            |
| DSN 0.5-2-90D     | 2         | #2       | 2.2            | 5.0  | 4.3 | 2.2 | 1.2 | 0.5  | 1000         | HS-101<br>jaw-0.5  | Wire range:0.2-0.5mm²<br>A.W.G.:(26-22)<br>Max.current=9A  |
| DSN 0.5-3-90D     | 3         | #4       | 3.2            | 5.0  |     |     |     |      |              |                    |                                                            |
| DSN 0.5-3.5-90D   | 3.5       | #6       | 3.7            | 6.0  |     |     |     |      |              |                    |                                                            |
| DSN 0.5-4-90D     | 4         | #8       | 4.3            | 6.5  |     |     |     |      |              |                    |                                                            |
| DSN 0.5-5-90D     | 5         | #10      | 5.3            | 8.0  |     |     |     |      |              |                    |                                                            |
| SNB 1.25-3-90D    | 3         | #4       | 3.2            | 5.7  | 4.8 | 3.4 | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| SNBS 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.4  |     |     |     |      |              |                    |                                                            |
| SNBL 1.25-3.5-90D | 3.5       | #6       | 3.7            | 6.4  |     |     |     |      |              |                    |                                                            |
| SNBS 1.25-4-90D   | 4         | #8       | 4.3            | 6.4  |     |     |     |      |              |                    |                                                            |
| SNBM 1.25-4-90D   | 4         | #8       | 4.3            | 7.2  |     |     |     |      |              |                    |                                                            |
| SNBL 1.25-4-90D   | 4         | #8       | 4.3            | 8.1  |     |     |     |      |              |                    |                                                            |
| SNBS 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |     |     |     |      |              |                    |                                                            |
| SNBL 1.25-5-90D   | 5         | #10      | 5.3            | 9.5  |     |     |     |      |              |                    |                                                            |
| SNBS 1.25-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |     |     |     |      |              |                    |                                                            |
| SNBL 1.25-6-90D   | 6         | 1/4"     | 6.4            | 12.0 |     |     |     |      |              |                    |                                                            |
| SNB 1.25-8-90D    | 8         | 5/16"    | 8.4            | 14.0 |     |     |     |      |              |                    |                                                            |
| SNB 2-3-90D       | 3         | #4       | 3.2            | 5.7  | 4.8 | 4.1 | 2.3 | 0.8  | 1000         | HS-101<br>jaw-2    | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| SNBS 2-3.5-90D    | 3.5       | #6       | 3.7            | 6.4  |     |     |     |      |              |                    |                                                            |
| SNBL 2-3.5-90D    | 3.5       | #6       | 3.7            | 6.4  |     |     |     |      |              |                    |                                                            |
| SNBS 2-4-90D      | 4         | #8       | 4.3            | 6.4  |     |     |     |      |              |                    |                                                            |
| SNBM 2-4-90D      | 4         | #8       | 4.3            | 7.2  |     |     |     |      |              |                    |                                                            |
| SNBL 2-4-90D      | 4         | #8       | 4.3            | 8.1  |     |     |     |      |              |                    |                                                            |
| SNBS 2-5-90D      | 5         | #10      | 5.3            | 9.3  |     |     |     |      |              |                    |                                                            |
| SNBL 2-5-90D      | 5         | #10      | 5.3            | 9.3  |     |     |     |      |              |                    |                                                            |
| SNBS 2-6-90D      | 6         | 1/4"     | 6.4            | 9.3  |     |     |     |      |              |                    |                                                            |
| SNBL 2-6-90D      | 6         | 1/4"     | 6.4            | 12.0 |     |     |     |      |              |                    |                                                            |
| SNB 2-8-90D       | 8         | 5/16"    | 8.4            | 14.0 |     |     |     |      |              |                    |                                                            |

# Non-Insulated With Brazed Seam 90° Spade Terminals

## Material:

- Terminal Body: Copper
- Plating: Tin



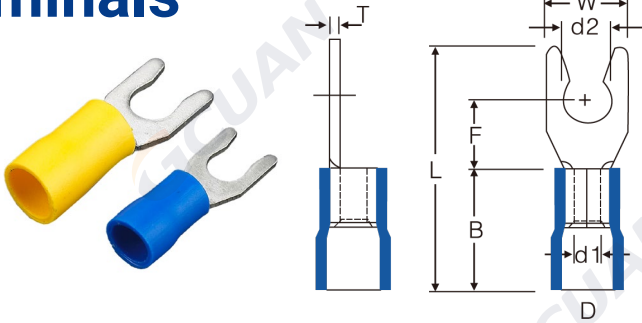
| Item No.        | Stud Size |          | Dimension (mm) |      |      |      |     |     | Pcs/<br>Pack | Tools             | Explanation                                              |
|-----------------|-----------|----------|----------------|------|------|------|-----|-----|--------------|-------------------|----------------------------------------------------------|
|                 | Metric    | American | d2             | W    | B    | D    | d1  | T   |              |                   |                                                          |
| SNB 3.5-3-90D   | 3         | #4       | 3.2            | 5.7  | 6.0  | 5.0  | 3.0 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A |
| SNB 3.5-3.5-90D | 3.5       | #6       | 3.7            | 8.0  |      |      |     |     |              |                   |                                                          |
| SNB 3.5-4-90D   | 4         | #8       | 4.3            |      |      |      |     |     |              |                   |                                                          |
| SNB 3.5-5-90D   | 5         | #10      | 5.3            |      |      |      |     |     |              |                   |                                                          |
| SNB 3.5-6-90D   | 6         | 1/4"     | 6.4            |      |      |      |     |     |              |                   |                                                          |
| SNB 3.5-8-90D   | 8         | 5/16"    | 8.4            | 14.0 |      |      |     |     |              |                   |                                                          |
| SNB 3.5-10-90D  | 10        | 3/8"     | 10.5           | 17.5 | 6.0  | 5.6  | 3.4 | 1.0 | 1000         | HS-101<br>jaw-5.5 | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A   |
| SNB 5.5-3-90D   | 3         | #4       | 3.2            | 7.3  |      |      |     |     |              |                   |                                                          |
| SNB 5.5-3.5-90D | 3.5       | #6       | 3.7            | 8.3  |      |      |     |     |              |                   |                                                          |
| SNBS 5.5-4-90D  | 4         | #8       | 4.3            | 8.3  |      |      |     |     |              |                   |                                                          |
| SNBS 5.5-4-90D  | 4         | #8       | 4.3            | 9.0  |      |      |     |     |              |                   |                                                          |
| SNB 5.5-5-90D   | 5         | #10      | 5.3            | 9.0  |      |      |     |     |              |                   |                                                          |
| SNBS 5.5-6-90D  | 6         | 1/4"     | 6.4            | 9.2  |      |      |     |     |              |                   |                                                          |
| SNBL 5.5-6-90D  | 6         | 1/4"     | 6.4            | 12.0 |      |      |     |     | 500          | HS-38<br>jaw-8    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A      |
| SNB 5.5-8-90D   | 8         | 5/16"    | 8.4            | 14.0 |      |      |     |     |              |                   |                                                          |
| SNB 5.5-10-90D  | 10        | 3/8"     | 10.5           | 17.5 |      |      |     |     |              |                   |                                                          |
| SNB 8-4-90D     | 4         | #8       | 4.3            | 8.0  |      |      |     |     |              |                   |                                                          |
| SNB 8-5-90D     | 5         | #10      | 5.3            | 10.8 |      |      |     |     |              |                   |                                                          |
| SNB 8-6-90D     | 6         | 1/4"     | 6.4            | 10.8 |      |      |     |     |              |                   |                                                          |
| SNB 8-8-90D     | 8         | 5/16"    | 8.4            | 14.4 | 8.5  | 7.2  | 4.5 | 1.2 | 500          | HS-38<br>jaw-8    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A      |
| SNB 8-10-90D    | 10        | 3/8"     | 10.5           | 15.9 |      |      |     |     |              |                   |                                                          |
| SNB 14-4-90D    | 4         | #8       | 4.3            | 9.0  |      |      |     |     |              |                   |                                                          |
| SNB 14-5-90D    | 5         | #10      | 5.3            | 11.7 |      |      |     |     |              |                   |                                                          |
| SNB 14-6-90D    | 6         | 1/4"     | 6.4            | 11.7 | 11.0 | 9.0  | 5.8 | 1.5 | 250          | HS-38<br>jaw-14   | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current=88A     |
| SNB 14-8-90D    | 8         | 5/16"    | 8.4            | 13.8 |      |      |     |     |              |                   |                                                          |
| SNB 14-10-90D   | 10        | 3/8"     | 10.5           | 15.9 |      |      |     |     |              |                   |                                                          |
| SNB 22-5-90D    | 5         | #10      | 5.3            | 13.8 |      |      |     |     |              |                   |                                                          |
| SNB 22-6-90D    | 6         | 1/4"     | 6.4            | 13.8 | 12.0 | 11.5 | 8.0 | 1.7 | 200          | HS-38<br>jaw-22   | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current=115A    |
| SNB 22-8-90D    | 8         | 5/16"    | 8.4            |      |      |      |     |     |              |                   |                                                          |
| SNB 22-10-90D   | 10        | 3/8"     | 10.5           |      |      |      |     |     |              |                   |                                                          |

# Vinyl Insulated-Single Crimp Locking Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



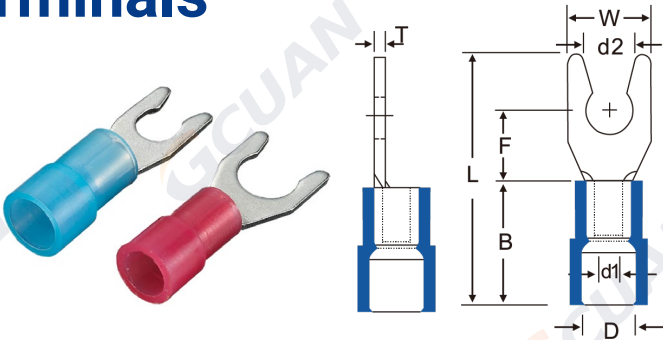
| Item No.     | Stud Size |          | Dimension (mm) |      |     |      |      |     |     |      | Pcs/<br>Pack | Color       | Tools                   | Explanation                                                             |
|--------------|-----------|----------|----------------|------|-----|------|------|-----|-----|------|--------------|-------------|-------------------------|-------------------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F   | L    | B    | D   | d1  | T    |              |             |                         |                                                                         |
| LSV 1.25-3.5 | 3.5       | #6       | 3.7            | 6.4  | 6.5 | 21.0 | 10.0 | 4.2 | 1.8 | 0.75 | 1000         | Red         | HS-30J<br>red jaw       | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.: (22-16)<br>Max.current=19A |
| LSVS 1.25-4  | 4         | #8       | 4.3            | 7.2  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSVL 1.25-4  | 4         | #8       | 4.3            | 8.1  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSVS 1.25-5  | 5         | #10      | 5.3            | 8.1  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSVL 1.25-5  | 5         | #10      | 5.3            | 9.5  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSV 2-3.5    | 3.5       | #6       | 3.7            | 6.0  | 6.5 | 21.0 | 10.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue        | HS-30J<br>blue jaw      | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.: (16-14)<br>Max.current=27A |
| LSV 2-4      | 4         | #8       | 4.3            | 7.2  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSVL 2-4     | 4         | #8       | 4.3            | 8.1  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSVS 2-5     | 5         | #10      | 5.3            | 8.1  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSVL 2-5     | 5         | #10      | 5.3            | 9.3  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSV 5.5-3.5  | 3.5       | #6       | 3.7            | 8.3  | 7.0 | 25.2 | 13.0 | 6.6 | 3.4 | 1.0  | 500          | Yellow<br>w | HS-30J<br>yellow<br>jaw | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current=48A     |
| LSV 5.5-4    | 4         | #8       | 4.3            | 8.3  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSV 5.5-5    | 5         | #10      | 5.3            | 9.0  |     |      |      |     |     |      |              |             |                         |                                                                         |
| LSV 5.5-6    | 6         | 1/4"     | 6.4            | 12.0 |     |      |      |     |     |      |              |             |                         |                                                                         |

# Nylon Insulated-Single Crimp Locking Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C

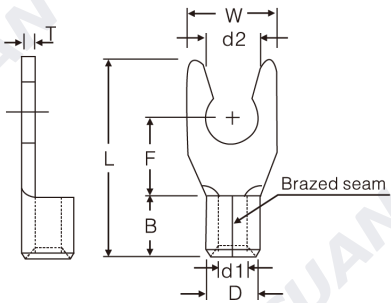


| Item No.      | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools  | Explanation                                                            |
|---------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|--------|--------|------------------------------------------------------------------------|
|               | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |        |        |                                                                        |
| LSNY 1.25-3.5 | 3.5       | #6       | 3.7            | 6.4  | 6.5  | 21.2 | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | HS-30J | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.:(22-16)<br>Max.current=19A |
| LSNY 1.25-4   | 4         | #8       | 4.3            | 7.2  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNYS 1.25-5  | 5         | #10      | 5.3            | 8.1  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNYL 1.25-5  | 5         | #10      | 5.3            | 9.5  | 6.5  | 22.2 | 11.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | HS-30J | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.:(16-14)<br>Max.current=27A |
| LSNYS 2-3.5   | 3.5       | #6       | 3.7            | 6.0  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNY 2-4      | 4         | #8       | 4.3            | 7.2  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNYL 2-4     | 4         | #8       | 4.3            | 8.1  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNYS 2-5     | 5         | #10      | 5.3            | 8.1  | 7.0  | 25.5 | 13.5 | 6.7 | 3.4 | 1.0  | 500          | Yellow | HS-30J | Wire range:4-6mm <sup>2</sup><br>A.W.G.:(12-10)<br>Max.current=48A     |
| LSNYL 2-5     | 5         | #10      | 5.3            | 9.5  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNY 5.5-3.5  | 3.5       | #6       | 3.7            | 8.3  | 12.0 | 31.2 | 13.5 | 6.7 | 3.4 | 1.0  | 500          | Yellow | HS-30J | Wire range:4-6mm <sup>2</sup><br>A.W.G.:(12-10)<br>Max.current=48A     |
| LSNY 5.5-4    | 4         | #8       | 4.3            | 8.3  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNY 5.5-5    | 5         | #10      | 5.3            | 9.0  |      |      |      |     |     |      |              |        |        |                                                                        |
| LSNY 5.5-6    | 6         | 1/4"     | 6.4            | 12.0 |      |      |      |     |     |      |              |        |        |                                                                        |

# Non-Insulated With Brazed Seam Locking Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin



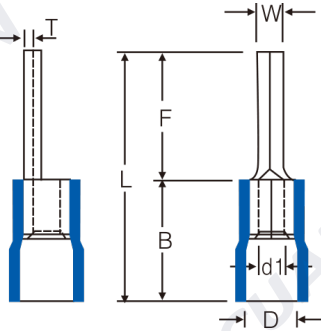
| Item No.      | Stud Size |          | Dimension (mm) |      |     |      |     |     |     |      | Pcs/<br>Pack | Tools              | Explanation                                                             |
|---------------|-----------|----------|----------------|------|-----|------|-----|-----|-----|------|--------------|--------------------|-------------------------------------------------------------------------|
|               | Metric    | American | d2             | W    | F   | L    | B   | D   | d1  | T    |              |                    |                                                                         |
| LSNB 1.25-3.5 | 3.5       | #6       | 3.7            | 6.4  | 6.5 | 16.0 | 4.8 | 3.4 | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.: (22-16)<br>Max.current=19A |
| LSNBS 1.25-4  | 4         | #8       | 4.3            | 7.2  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNBL 1.25-4  | 4         | #8       | 4.3            | 8.1  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNBS 1.25-5  | 5         | #10      | 5.3            | 8.1  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNBL 1.25-5  | 5         | #10      | 5.3            | 9.5  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNB 2-3.5    | 3.5       | #6       | 3.7            | 6.0  | 6.5 | 16.0 | 4.8 | 4.1 | 2.3 | 0.8  | 1000         | HS-101<br>jaw-2    | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.: (16-14)<br>Max.current=27A |
| LSNB 2-4      | 4         | #8       | 4.3            | 7.2  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNBL 2-4     | 4         | #8       | 4.3            | 8.1  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNBS 2-5     | 5         | #10      | 5.3            | 8.1  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNBL 2-5     | 5         | #10      | 5.3            | 9.3  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNB 5.5-3.5  | 3.5       | #6       | 3.7            | 8.3  | 7.0 | 18.2 | 6.0 | 5.6 | 3.4 | 1.0  | 1000         | HS-101<br>jaw-5.5  | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current = 48A   |
| LSNB 5.5-4    | 4         | #8       | 4.3            | 8.3  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNB 5.5-5    | 5         | #10      | 5.3            | 9.0  |     |      |     |     |     |      |              |                    |                                                                         |
| LSNB 5.5-6    | 6         | 1/4"     | 6.4            | 12.0 |     |      |     |     |     |      |              |                    |                                                                         |

# Vinyl Insulated-Single Crimp Pin Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



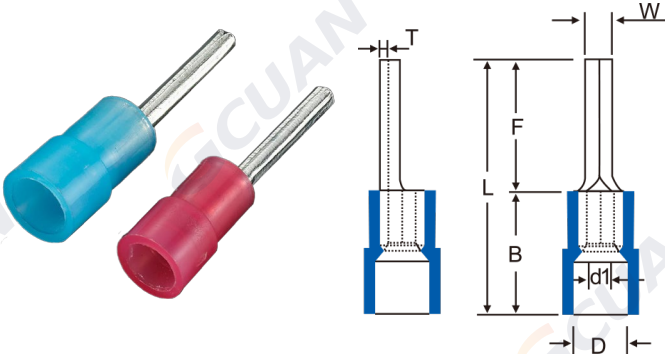
| Item No.    | Dimension (mm) |      |      |      |      |     |      | Pcs/<br>Pack | Color  | Tools                | Explanation                                                             |
|-------------|----------------|------|------|------|------|-----|------|--------------|--------|----------------------|-------------------------------------------------------------------------|
|             | W              | F    | L    | B    | D    | d1  | T    |              |        |                      |                                                                         |
| PTV 0.5-10  | 1.4            | 10.0 | 18.0 | 8.0  | 2.2  | 1.0 | 0.5  | 1000         | Yellow | /                    | Wire range:0.2-0.5mm <sup>2</sup><br>A.W.G.: (26-22)<br>Max.current=9A  |
| PTV 1.25-9  | 1.9            | 9.0  | 18.8 | 10.0 | 4.2  | 1.8 | 0.75 | 1000         | Red    | HS-30J<br>red jaw    | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.: (22-16)<br>Max.current=19A |
| PTV 1.25-10 |                | 10.0 | 19.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 1.25-12 |                | 12.0 | 21.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 1.25-13 |                | 13.0 | 22.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 1.25-16 |                | 16.0 | 25.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 1.25-18 |                | 18.0 | 27.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 2-9     | 1.9            | 9.0  | 18.8 | 10.0 | 4.9  | 2.3 | 0.8  | 1000         | Blue   | HS-30J<br>blue jaw   | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.: (16-14)<br>Max.current=27A |
| PTV 2-10    |                | 10.0 | 19.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 2-12    |                | 12.0 | 21.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 2-13    |                | 13.0 | 22.8 |      |      |     |      |              |        |                      |                                                                         |
| PTV 2-18    |                | 18.0 | 28.0 |      |      |     |      |              |        |                      |                                                                         |
| PTV 3.5-12  | 2.8            | 12.0 | 24.5 | 12.5 | 6.2  | 3.0 | 1.0  | 500          | Black  | HS-30J<br>yellow jaw | Wire range:2.5-4mm <sup>2</sup><br>A.W.G.: (14-12)<br>Max.current=37A   |
| PTV 5.5-13  | 2.8            | 13.0 | 25.5 | 13.0 | 6.6  | 3.4 | 1.0  | 500          | Yellow | HS-30J<br>yellow jaw | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current=48A     |
| PTV 5.5-18  | 2.8            | 18.0 | 30.5 |      |      |     |      |              |        |                      |                                                                         |
| PTV 10-12   | 4.3            | 12.0 | 29.5 | 15.5 | 8.0  | 4.5 | 1.1  | 250          | Red    | /                    | Wire range:6-10mm <sup>2</sup><br>Max.current=I <sub>max</sub> =62A     |
| PTV 16-13   | 5.5            | 13.0 | 38.0 | 22.0 | 10.5 | 5.8 | 1.2  | 200          | Blue   | /                    | Wire range:10-16mm <sup>2</sup><br>Max.current=88A                      |
| PTV 25-15   | 6.8            | 15.0 | 43.3 | 23.3 | 13.4 | 7.7 | 1.2  | 100          | Yellow | /                    | Wire range:16-25mm <sup>2</sup><br>Max.current=115A                     |

# Nylon Insulated-Single Crimp Pin Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

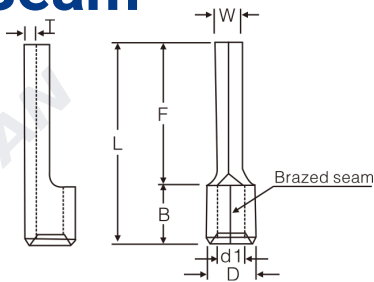
**Maximum Temperature Resistance:** 105°C



| Item No.     | Dimension (mm) |      |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools  | Explanation                                                 |
|--------------|----------------|------|------|------|-----|-----|------|--------------|--------|--------|-------------------------------------------------------------|
|              | W              | F    | L    | B    | D   | d1  | T    |              |        |        |                                                             |
| PTNY 0.5-10  | 1.4            | 10.0 | 17.7 | 7.7  | 2.8 | 1.2 | 0.5  | 1000         | Yellow | /      | Wire range:0.2-0.5mm²<br>A.W.G.: (26-22)<br>Max.current=9A  |
| PTNY 1.25-9  | 1.9            | 9.0  | 20.0 | 10.5 | 4.3 | 1.8 | 0.75 | 1000         | Red    | HS-30J | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| PTNY 1.25-10 |                | 10.0 | 21.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 1.25-12 |                | 12.0 | 23.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 1.25-13 |                | 13.0 | 24.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 1.25-16 |                | 16.0 | 27.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 1.25-18 |                | 18.0 | 29.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 2-9     | 1.9            | 9.0  | 20.0 | 11.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | HS-30J | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| PTNY 2-10    |                | 10.0 | 21.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 2-12    |                | 12.0 | 23.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 2-13    |                | 13.0 | 24.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 2-18    |                | 18.0 | 29.0 |      |     |     |      |              |        |        |                                                             |
| PTNY 3.5-12  | 2.8            | 12.0 | 25.5 | 13.5 | 6.3 | 3.0 | 1.0  | 500          | Black  | HS-30J | Wire range:2.5-4mm²<br>A.W.G.: (14-12)<br>Max.current=37A   |
| PTNY 5.5-13  | 2.8            | 13.0 | 26.5 | 13.5 | 6.7 | 3.4 | 1.0  | 500          | Yellow | HS-30J | Wire range:4-6mm²<br>A.W.G.: (12-10)<br>Max.current=48A     |
| PTNY 5.5-18  |                | 18.0 | 31.5 |      |     |     |      |              |        |        |                                                             |

Non-Insulated With Brazed Seam  
Pin Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin

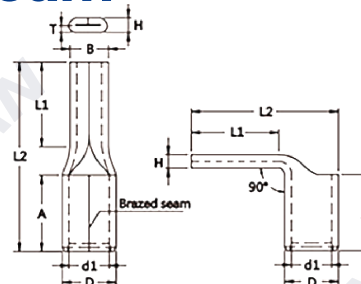


| Item No.    | Dimension (mm) |      |      |      |      |     |      | Pcs/<br>Pack | Tools              | Explanation                                                            |
|-------------|----------------|------|------|------|------|-----|------|--------------|--------------------|------------------------------------------------------------------------|
|             | W              | F    | L    | B    | D    | d1  | T    |              |                    |                                                                        |
| PTN 0.5-10  | 1.4            | 10.0 | 14.2 | 4.0  | 2.2  | 1.2 | 0.5  | 2000         | HS-101             | Wire range:0.2-0.5mm <sup>2</sup><br>A.W.G.:(26-22)<br>Max.current=9A  |
| PTN 1.25-9  | 1.9            | 9.0  | 13.8 | 4.8  | 3.4  | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.:(22-16)<br>Max.current=19A |
| PTN 1.25-10 |                | 10.0 | 14.8 |      |      |     |      |              |                    |                                                                        |
| PTN 1.25-12 |                | 12.0 | 16.8 |      |      |     |      |              |                    |                                                                        |
| PTN 1.25-13 |                | 13.0 | 17.8 |      |      |     |      |              |                    |                                                                        |
| PTN 1.25-16 |                | 16.0 | 20.8 |      |      |     |      |              |                    |                                                                        |
| PTN 1.25-18 |                | 18.0 | 22.8 |      |      |     |      |              |                    |                                                                        |
| PTN 2-9     | 1.9            | 9.0  | 13.8 | 4.8  | 4.1  | 2.3 | 0.8  | 1000         | HS-101<br>jaw-2    | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.:(16-14)<br>Max.current=27A |
| PTN 2-10    |                | 10.0 | 14.8 |      |      |     |      |              |                    |                                                                        |
| PTN 2-12    |                | 12.0 | 16.8 |      |      |     |      |              |                    |                                                                        |
| PTN 2-13    |                | 13.0 | 17.8 |      |      |     |      |              |                    |                                                                        |
| PTN 2-18    |                | 18.0 | 22.8 |      |      |     |      |              |                    |                                                                        |
| PTN 3.5-12  | 2.8            | 12.0 | 18.0 | 6.0  | 5.0  | 3.0 | 1.0  | 1000         | HS-101<br>jaw-3.5  | Wire range:2.5-4mm <sup>2</sup><br>A.W.G.:(14-12)<br>Max.current=37A   |
| PTN 5.5-13  | 2.8            | 13.0 | 19.0 | 6.0  | 5.6  | 3.4 | 1.0  | 1000         | HS-101<br>jaw-5.5  | Wire range:4-6mm <sup>2</sup><br>A.W.G.:(12-10)<br>Max.current=48A     |
| PTN 5.5-18  | 2.8            | 18.0 | 24.0 |      |      |     |      |              |                    |                                                                        |
| PTN 8-25    | 4.0            | 28.0 | 36.5 | 8.5  | 7.2  | 4.8 | 1.2  | 500          | HS-38              | Wire range:6-10mm <sup>2</sup><br>A.W.G.:(8)<br>Max.current=62A        |
| PTN 14-25   | 4.0            | 28.5 | 39.0 | 10.5 | 9.0  | 6.0 | 1.5  | 500          | HS-38              | Wire range:10-16mm <sup>2</sup><br>A.W.G.:(6)<br>Max.current=88A       |
| PTN 22-25   | 5.0            | 28.5 | 40.5 | 12.0 | 11.5 | 8.1 | 1.7  | 250          | HS-38              | Wire range:16-25mm <sup>2</sup><br>A.W.G.:(4)<br>Max.current=115A      |
| PTN 38-25   | 5.0            | 28.5 | 42.5 | 14.0 | 13.3 | 9.7 | 1.8  | 200          | HS-38              | Wire range:35mm <sup>2</sup><br>A.W.G.:(2)<br>Max.current=160A         |

# Non-Insulated With Brazed Seam Pin Terminals

## Material:

- Terminal Body: Copper
- Plating: Tin



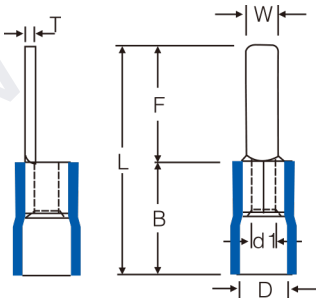
| Item No.         | Dimension (mm) |      |      |      |      |      |     |     | Pcs/<br>Pack | Explanation                                                                                                                                              |
|------------------|----------------|------|------|------|------|------|-----|-----|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | B              | L1   | L2   | A    | D    | d1   | H   | T   |              |                                                                                                                                                          |
| PTN10 - 12       | 4.3            | 12   | 22   | 8    | 6.8  | 4.5  | 2.2 | 1.1 | 500          | Wire range:6 - 10mm <sup>2</sup><br>A.W.G.:(8)<br>Max.current = 62A                                                                                      |
| PTN10 - 12 - 90D | 4.3            | 12   | 19.7 | 8    | 6.8  | 4.5  | 2.2 | 1.1 | 500          |                                                                                                                                                          |
| PTN16 - 13       | 5.5            | 13   | 26   | 10   | 8.4  | 5.8  | 2.4 | 1.2 | 250          | Wire range:10 - 16mm <sup>2</sup><br>A.W.G.:(6)<br>Max.current = 88A                                                                                     |
| PTN16 - 13 - 90D | 5.5            | 12.6 | 21.8 | 10   | 8.4  | 5.8  | 2.4 | 1.2 | 250          |                                                                                                                                                          |
| PTN25 - 15       | 6.8            | 15   | 33.5 | 13.5 | 9.5  | 7    | 2.4 | 1.2 | 200          | Wire range:16 - 25mm <sup>2</sup><br>A.W.G.:(4)<br>Max.current = 115A                                                                                    |
| PTN25 - 15 - 90D | 6.8            | 16.6 | 26   | 13.5 | 9.5  | 7    | 2.4 | 1.2 | 200          |                                                                                                                                                          |
| PTN35 - 20       | 8              | 20   | 40.5 | 16   | 11.7 | 8.5  | 3.2 | 1.5 | 200          | Wire range:35mm <sup>2</sup><br>A.W.G.:(2)<br>Max.current = 160A                                                                                         |
| PTN35 - 20 - 90D | 8              | 22.6 | 34.6 | 16   | 11.7 | 8.5  | 3.2 | 1.5 | 200          |                                                                                                                                                          |
| PTN50 - 20       | 9.5            | 20   | 45   | 19   | 13.6 | 9.6  | 3.6 | 1.8 | 100          | Wire range:50mm <sup>2</sup><br>A.W.G.:(1/0)<br>Max.current = 215A                                                                                       |
| PTN50 - 20 - 90D | 9.5            | 23.1 | 36.8 | 19   | 13.6 | 9.6  | 3.6 | 1.8 | 100          |                                                                                                                                                          |
| PTN70 - 25       | 11             | 23.5 | 55   | 24   | 15.8 | 11.7 | 4   | 2   | 100          | Wire range:70mm <sup>2</sup><br>A.W.G.:(2/0)<br>Max.current = 235A                                                                                       |
| PTN70 - 25 - 90D | 11             | 25.1 | 40.8 | 24   | 15.8 | 11.7 | 4   | 2   | 100          |                                                                                                                                                          |
| PTN95 - 25       | 12.5           | 23.5 | 55   | 24   | 18.9 | 13.5 | 5.2 | 2.5 | 50           | Wire range:95mm <sup>2</sup><br>A.W.G.:(3/0)<br>Max.current = 255A                                                                                       |
| PTN95 - 25 - 90D | 12.6           | 25.1 | 43.9 | 24   | 18.9 | 13.5 | 5.2 | 2.5 | 50           |                                                                                                                                                          |
| PTN120 - 34      | 15             | 30   | 58.6 | 25   | 21   | 15   | 5.4 | 2.7 | 25           | Wire range:120mm <sup>2</sup><br>A.W.G.:(4/0)<br>Max.current = 300A<br>Wire range:150mm <sup>2</sup><br>A.W.G.:(250/300MCM)<br>Max.current = 395A        |
| PTN150 - 37      | 16.5           | 30   | 63.5 | 27.8 | 23.1 | 16.5 | 6.4 | 3.9 | 25           |                                                                                                                                                          |
| PTN185 - 38      | 19.5           | 30   | 71   | 35   | 26   | 19   | 6.8 | 3.5 | 25           | Wire range:185mm <sup>2</sup><br>A.W.G.:(300/350MCM)<br>Max.current = 440A<br>Wire range:240mm <sup>2</sup><br>A.W.G.:(400/500MCM)<br>Max.current = 470A |
| PTN240 - 44      | 21.5           | 32   | 83.5 | 40.7 | 29   | 21   | 8.2 | 4   | 10           |                                                                                                                                                          |
| PTN325 - 45      | 23.5           | 34   | 87   | 44   | 32.1 | 23.5 | 8.4 | 4.3 | 5            | Wire range:300mm <sup>2</sup><br>A.W.G.:(500/600MCM)<br>Max.current = 600A                                                                               |

# Vinyl Insulated-Single Crimp Blade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



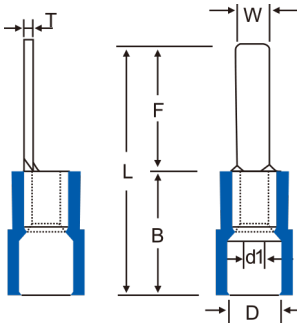
| Item No.    | Dimension (mm) |      |      |      |      |     |      | Pcs/<br>Pack | Color  | Tools                | Explanation                                                             |
|-------------|----------------|------|------|------|------|-----|------|--------------|--------|----------------------|-------------------------------------------------------------------------|
|             | W              | F    | L    | B    | D    | d1  | T    |              |        |                      |                                                                         |
| DBV 1.25-10 | 2.3            | 10.0 | 19.8 | 10.0 | 4.2  | 1.8 | 0.75 | 1000         | Red    | HS-30J<br>red jaw    | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.: (22-16)<br>Max.current=19A |
| DBV 1.25-11 | 3.0            | 11.0 | 20.8 |      |      |     |      |              |        |                      |                                                                         |
| DBV 1.25-14 | 3.0            | 14.0 | 23.8 |      |      |     |      |              |        |                      |                                                                         |
| DBV 1.25-18 | 2.3            | 18.0 | 27.8 |      |      |     |      |              |        |                      |                                                                         |
| DBV 2-9     | 2.8            | 9.0  | 18.8 | 10.0 | 4.9  | 2.3 | 0.8  | 1000         | Blue   | HS-30J<br>blue jaw   | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.: (16-14)<br>Max.current=27A |
| DBV 2-10    | 2.4            | 10.0 | 19.8 |      |      |     |      |              |        |                      |                                                                         |
| DBVS 2-14   | 2.4            | 14.0 | 23.8 |      |      |     |      |              |        |                      |                                                                         |
| DBVL 2-14   | 3.0            |      | 23.8 |      |      |     |      |              |        |                      |                                                                         |
| DBV 2-18    | 2.3            | 18.0 | 27.8 |      |      |     |      |              |        |                      |                                                                         |
| DBVL 2-18   | 3.0            |      | 27.8 |      |      |     |      |              |        |                      |                                                                         |
| DBV 3.5-14  | 4.6            | 14.0 | 27.0 | 12.5 | 6.2  | 3.0 | 1.0  | 500          | Black  | HS-30J               | Wire range:2.5-4mm <sup>2</sup><br>A.W.G.: (14-12)<br>Max.current=37A   |
| DBV 5.5-10  | 2.8            | 10.0 | 23.0 | 13.0 | 6.6  | 3.4 | 1.0  | 500          | Yellow | HS-30J<br>yellow jaw | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current=48A     |
| DBV 5.5-14  | 4.5            | 14.0 | 27.0 |      |      |     |      |              |        |                      |                                                                         |
| DBVS 5.5-18 | 3.0            | 18.0 | 31.0 |      |      |     |      |              |        |                      |                                                                         |
| DBV 5.5-18  | 4.5            | 18.0 | 31.0 |      |      |     |      |              |        |                      |                                                                         |
| DBV 8-14    | 6.0            | 14.0 | 31.0 | 15.5 | 8.5  | 4.5 | 1.2  | 250          | Red    | /                    | Wire range:6-10mm <sup>2</sup><br>A.W.G.: (8)<br>Max.current=62A        |
| DBV 14-16   | 6.0            | 16.0 | 38.5 | 22.0 | 10.5 | 5.8 | 1.5  | 200          | Blue   | /                    | Wire range:10-16mm <sup>2</sup><br>A.W.G.: (6)<br>Max.current=88A       |
| DBVS 22-17  | 4.0            | 17.0 | 40.3 | 23.3 | 13.4 | 7.7 | 1.7  | 100          | Yellow | /                    | Wire range:16-25mm <sup>2</sup><br>A.W.G.: (4)<br>Max.current=115A      |
| DBV 22-17   | 7.0            |      |      |      |      |     |      |              |        |                      |                                                                         |

# Nylon Insulated-Single Crimp Blade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C

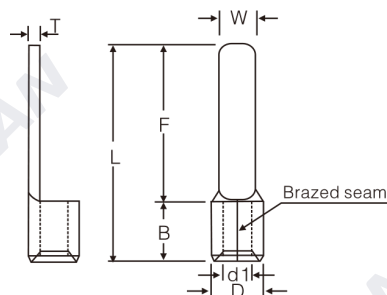


| Item No.     | Dimension (mm) |      |      |      |      |     |      | Pcs/<br>Pack | Color  | Tools                | Explanation                                                |
|--------------|----------------|------|------|------|------|-----|------|--------------|--------|----------------------|------------------------------------------------------------|
|              | W              | F    | L    | B    | D    | d1  | T    |              |        |                      |                                                            |
| DBNY 1.25-10 | 2.3            | 10.0 | 20.5 | 10.5 | 4.2  | 1.8 | 0.75 | 1000         | Red    | HS-30J<br>red jaw    | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| DBNY 1.25-11 | 3.0            | 11.0 | 21.5 |      |      |     |      |              |        |                      |                                                            |
| DBNY 1.25-14 | 3.0            | 14.0 | 24.5 |      |      |     |      |              |        |                      |                                                            |
| DBNY 1.25-18 | 2.3            | 18.0 | 28.5 |      |      |     |      |              |        |                      |                                                            |
| DBNY 2-9     | 2.8            | 9.0  | 20.0 | 11.0 | 4.9  | 2.3 | 0.8  | 1000         | Blue   | HS-30J<br>blue jaw   | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| DBNY 2-10    | 2.4            | 10.0 | 21.0 |      |      |     |      |              |        |                      |                                                            |
| DBNYS 2-14   | 2.4            | 14.0 | 25.0 |      |      |     |      |              |        |                      |                                                            |
| DBNYL 2-14   | 3.0            |      |      |      |      |     |      |              |        |                      |                                                            |
| DBNY 2-18    | 2.3            | 18.0 | 29.0 |      |      |     |      |              |        |                      |                                                            |
| DBNYL 2-18   | 3.0            | 18.0 | 29.0 |      |      |     |      |              |        |                      |                                                            |
| DBNY 3.5-14  | 4.6            | 14.0 | 27.5 | 13.5 | 6.3  | 3.0 | 1.0  | 1000         | Black  | HS-30J               | Wire range:2.5-4mm²<br>A.W.G.:(14-12)<br>Max.current=37A   |
| DBNY 5.5-10  | 2.8            | 10.0 | 23.5 | 13.5 | 6.7  | 3.4 | 1.0  | 1000         | Yellow | HS-30J<br>yellow jaw | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A     |
| DBNY 5.5-14  | 4.5            | 14.0 | 27.5 |      |      |     |      |              |        |                      |                                                            |
| DBNYS 5.5-18 | 3.0            | 18.0 | 31.5 |      |      |     |      |              |        |                      |                                                            |
| DBNY 5.5-18  | 4.5            | 18.0 | 31.5 |      |      |     |      |              |        |                      |                                                            |
| DBNY 8-14    | 6.0            | 14.0 | 30.7 | 16.7 | 8.0  | 4.5 | 1.2  | 500          | Red    | /                    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A        |
| DBNY 14-16   | 6.0            | 16.0 | 37.5 | 21.5 | 11.0 | 5.8 | 1.5  | 250          | Blue   | /                    | Wire range:10-16mm²<br>A.W.G.:(6)<br>Max.current=88A       |
| DBNY S22-17  | 4.0            | 17.0 | 41.0 | 24.0 | 13.0 | 8.0 | 1.7  | 100          | Yellow | /                    | Wire range:16-25mm²<br>A.W.G.:(4)<br>Max.current=115A      |
| DBNY 22-17   | 7.0            | 17.0 | 41.0 |      |      |     |      |              |        |                      |                                                            |
| DBNY 38-17   | 8.0            | 17.0 | 44.0 | 27.0 | 14.5 | 9.4 | 1.8  | 100          | Red    | /                    | Wire range:35mm²<br>A.W.G.:(2)<br>Max.current=160A         |

# Non-Insulated With Brazed Seam Blade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin



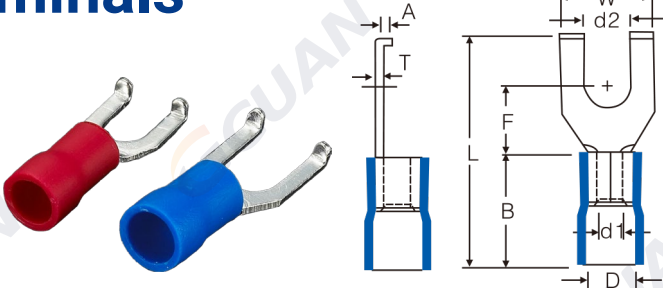
| Item No.    | Dimension (mm) |      |      |      |      |     |      | Pcs/<br>Pack | Tools              | Explanation                                                             |
|-------------|----------------|------|------|------|------|-----|------|--------------|--------------------|-------------------------------------------------------------------------|
|             | W              | F    | L    | B    | D    | d1  | T    |              |                    |                                                                         |
| DBN 1.25-10 | 2.3            | 10.0 | 14.8 | 4.8  | 3.4  | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.: (22-16)<br>Max.current=19A |
| DBN 1.25-11 | 3.0            | 11.0 | 15.8 |      |      |     |      |              |                    |                                                                         |
| DBN 1.25-14 | 3.0            | 14.0 | 18.8 |      |      |     |      |              |                    |                                                                         |
| DBN 1.25-18 | 2.3            | 18.0 | 22.8 |      |      |     |      |              |                    |                                                                         |
| DBN 2-9     | 2.8            | 9.0  | 13.8 | 4.8  | 4.1  | 2.3 | 0.8  | 1000         | HS-101<br>jaw-2    | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.: (16-14)<br>Max.current=27A |
| DBN 2-10    | 2.4            | 10.0 | 14.8 |      |      |     |      |              |                    |                                                                         |
| DBNS 2-14   | 2.4            | 14.0 | 18.8 |      |      |     |      |              |                    |                                                                         |
| DBNL 2-14   | 3.0            |      | 18.8 |      |      |     |      |              |                    |                                                                         |
| DBN 2-18    | 2.3            | 18.0 | 22.8 |      |      |     |      |              |                    |                                                                         |
| DBNL 2-18   | 3.0            | 18.0 | 22.8 |      |      |     |      |              |                    |                                                                         |
| DBN 3.5-14  | 4.6            | 14.0 | 20.0 | 6.0  | 5.0  | 3.0 | 1.0  | 1000         | HS-101<br>jaw-5.5  | Wire range:2.5-4mm <sup>2</sup><br>A.W.G.: (14-12)<br>Max.current=37A   |
| DBN 5.5-10  | 2.8            | 10.0 | 16.0 | 6.0  | 5.6  | 3.4 | 1.0  | 1000         | HS-101<br>jaw-5.5  | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current=48A     |
| DBN 5.5-14  | 4.5            | 14.0 | 20.0 |      |      |     |      |              |                    |                                                                         |
| DBNS 5.5-18 | 3.0            | 18.0 | 24.0 |      |      |     |      |              |                    |                                                                         |
| DBN 5.5-18  | 4.5            | 18.0 | 24.0 |      |      |     |      |              |                    |                                                                         |
| DBN 8-14    | 6.0            | 14.0 | 22.5 | 8.5  | 7.2  | 4.5 | 1.2  | 500          | HS-38              | Wire range:6-10mm <sup>2</sup><br>A.W.G.: (8)<br>Max.current=62A        |
| DBN 14-16   | 6.0            | 16.0 | 27.0 | 11.0 | 9.0  | 5.8 | 1.5  | 250          | HS-38              | Wire range:10-16mm <sup>2</sup><br>A.W.G.: (6)<br>Max.current=88A       |
| DBN S22-17  | 4.0            | 17.0 | 29.0 | 12.0 | 11.5 | 7.7 | 1.7  | 200          | HS-38              | Wire range:16-25mm <sup>2</sup><br>A.W.G.: (4)<br>Max.current=115A      |
| DBN 22-17   | 7.0            | 17.0 | 29.0 |      |      |     |      |              |                    |                                                                         |
| DBN 38-17   | 8.0            | 17.0 | 31.4 |      |      |     |      |              |                    |                                                                         |
|             |                |      |      | 14.4 | 13.3 | 9.4 | 1.8  | 200          | HS-38              | Wire range:35mm <sup>2</sup><br>A.W.G.: (2)<br>Max.current=160A         |

# Vinyl Insulated-Single Crimp Flange Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



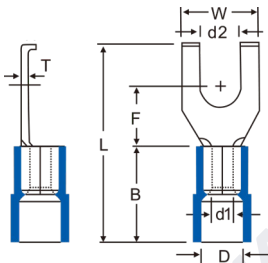
| Item No.     | Stud Size |          | Dimension (mm) |     |     |      |      |     |     |     |      | Pcs/<br>Pack | Color    | Tools                | Explanation                                                 |
|--------------|-----------|----------|----------------|-----|-----|------|------|-----|-----|-----|------|--------------|----------|----------------------|-------------------------------------------------------------|
|              | Metric    | American | d2             | W   | F   | L    | B    | D   | d1  | A   | T    |              |          |                      |                                                             |
| FSV 1.25-3   | 3         | #4       | 3.2            | 7.5 | 5.1 | 19.0 | 10.0 | 4.2 | 1.8 | 1.5 | 0.75 | 1000         | Red      | HS-30J<br>red jaw    | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| FSV 1.25-3.5 | 3.5       | #6       | 3.7            | 7.5 |     |      |      |     |     |     |      |              |          |                      |                                                             |
| FSV 1.25-4   | 4         | #8       | 4.3            | 7.5 | 5.1 | 19.0 |      |     |     |     |      |              |          |                      |                                                             |
| FSVL 1.25-4  | 4         | #8       | 4.3            | 8.5 | 7.2 | 24.5 |      |     |     |     |      |              |          |                      |                                                             |
| FSV 1.25-5   | 5         | #10      | 5.3            | 7.5 | 5.1 | 19.0 |      |     |     |     |      |              |          |                      |                                                             |
| FSVL 1.25-5  | 5         | #10      | 5.3            | 8.5 | 7.2 | 24.5 |      |     |     |     |      |              |          |                      |                                                             |
| FSV 2-3.5    | 3.5       | #6       | 3.7            | 7.5 | 5.2 | 19.5 | 10.0 | 4.9 | 2.3 | 1.5 | 0.8  | 1000         | Blue     | HS-30J<br>blue jaw   | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| FSV 2-4      | 4         | #8       | 4.3            | 7.5 | 5.2 | 19.5 |      |     |     |     |      |              |          |                      |                                                             |
| FSVM 2-4     | 4         | #8       | 4.3            | 8.0 | 6.8 | 23.5 |      |     |     |     |      |              |          |                      |                                                             |
| FSV 2-5      | 5         | #10      | 5.3            | 8.0 | 5.2 | 19.5 |      |     |     |     |      |              |          |                      |                                                             |
| FSVL 2-5     | 5         | #10      | 5.3            | 8.5 | 7.2 | 23.0 |      |     |     |     |      |              |          |                      |                                                             |
| FSV 5.5-3.5  | 3.5       | #6       | 3.7            | 8.5 | 7.5 | 27.0 | 13.0 | 6.6 | 3.4 | 1.5 | 1.0  | 500          | Yellow w | HS-30J<br>yellow jaw | Wire range:4-6mm²<br>A.W.G.: (12-10)<br>Max.current=48A     |
| FSV 5.5-4    | 4         | #8       | 4.3            | 8.5 | 7.5 | 27.0 |      |     |     |     |      |              |          |                      |                                                             |
| FSV 5.5-5    | 5         | #10      | 5.3            | 8.5 | 7.5 | 27.0 |      |     |     |     |      |              |          |                      |                                                             |

# Nylon Insulated-Single Crimp Flange Spade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

**Maximum Temperature Resistance:** 105°C



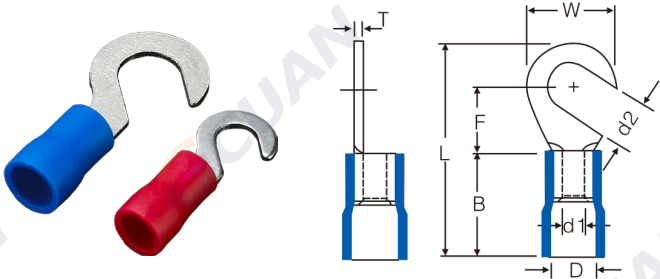
| Item No.      | Stud Size |          | Dimension (mm) |     |     |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools  | Explanation                                                |
|---------------|-----------|----------|----------------|-----|-----|------|------|-----|-----|------|--------------|--------|--------|------------------------------------------------------------|
|               | Metric    | American | d2             | W   | F   | L    | B    | D   | d1  | T    |              |        |        |                                                            |
| FSNY 1.25-3   | 3         | #4       | 3.2            | 7.5 | 5.1 | 19.5 | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | HS-30J | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| FSNY 1.25-3.5 | 3.5       | #6       | 3.7            |     |     |      |      |     |     |      |              |        |        |                                                            |
| FSNY 1.25-4   | 4         | #8       | 4.3            |     |     |      |      |     |     |      |              |        |        |                                                            |
| FSNY 1.25-5   | 5         | #10      | 5.3            |     |     |      |      |     |     |      |              |        |        |                                                            |
| FSNY 2-3.5    | 3.5       | #6       | 3.7            | 7.5 | 5.2 | 21.2 | 11.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | HS-30J | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| FSNY 2-4      | 4         | #8       | 4.3            |     |     |      |      |     |     |      |              |        |        |                                                            |
| FSNY 2-5      | 5         | #10      | 5.3            |     |     |      |      |     |     |      |              |        |        |                                                            |
| FSNY 5.5-3.5  | 3.5       | #5       | 3.7            | 8.5 | 7.5 | 27.0 | 13.5 | 6.7 | 3.4 | 1.0  | 500          | Yellow | HS-30J | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A     |
| FSNY 5.5-4    | 4         | #8       | 4.3            |     |     |      |      |     |     |      |              |        |        |                                                            |
| FSNY 5.5-5    | 5         | #10      | 5.3            |     |     |      |      |     |     |      |              |        |        |                                                            |

# Vinyl Insulated-Single Crimp Hook Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



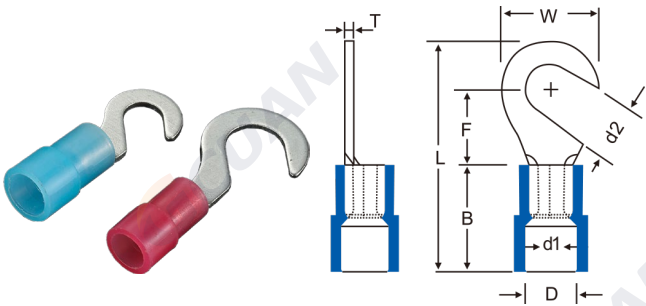
| Item No.    | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools                | Explanation                                                             |
|-------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|--------|----------------------|-------------------------------------------------------------------------|
|             | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |        |                      |                                                                         |
| HV 1.25-3.5 | 3.5       | #6       | 3.7            | 8.0  | 7.0  | 20.8 | 10.0 | 4.2 | 1.8 | 0.75 | 1000         | Red    | HS-30J<br>red jaw    | Wire range:0.5-1.5mm <sup>2</sup><br>A.W.G.: (22-16)<br>Max.current=19A |
| HV 1.25-4   | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 1.25-6   | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 2-3.5    | 3.5       | #6       | 3.7            | 8.5  | 7.8  | 21.8 | 10.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | HS-30J<br>blue jaw   | Wire range:1.5-2.5mm <sup>2</sup><br>A.W.G.: (16-24)<br>Max.current=27A |
| HV 2-4      | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 2-6      | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 5.5-3.5  | 3.5       | #6       | 3.7            | 9.5  | 9.5  | 26.8 | 13.0 | 6.6 | 3.4 | 1.0  | 500          | Yellow | HS-30J<br>yellow jaw | Wire range:4-6mm <sup>2</sup><br>A.W.G.: (12-10)<br>Max.current=48A     |
| HV 5.5-4    | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 5.5-5    | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 5.5-6    | 6         | 1/4"     | 6.4            |      |      |      |      |     |     |      |              |        |                      |                                                                         |
| HV 5.5-8    | 8         | 5/16"    | 8.4            | 15.0 | 13.5 | 34.0 |      |     |     |      |              |        |                      |                                                                         |
| HV 5.5-10   | 10        | 3/8"     | 10.5           | 15.0 | 13.5 | 34.0 |      |     |     |      |              |        |                      |                                                                         |
| HV 5.5-12   | 12        | 1/2"     | 13.0           | 19.0 | 16.0 | 38.0 |      |     |     |      |              |        |                      |                                                                         |

# Nylon Insulated-Single Crimp Hook Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

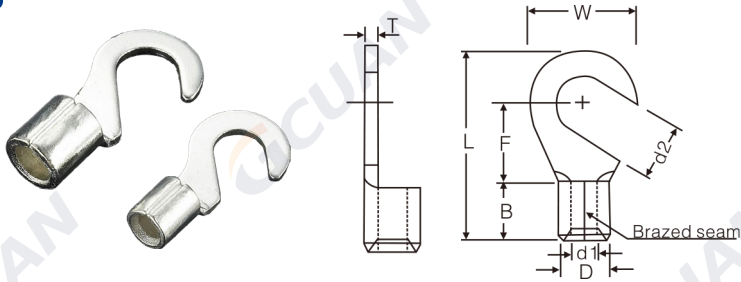
**Maximum Temperature Resistance:** 105°C



| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |      |     |     |      | Pcs/<br>Pack | Color  | Tools  | Explanation                                                 |
|--------------|-----------|----------|----------------|------|------|------|------|-----|-----|------|--------------|--------|--------|-------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B    | D   | d1  | T    |              |        |        |                                                             |
| HNY 1.25-3.5 | 3.5       | #6       | 3.7            | 8.0  | 7.0  | 22.0 | 10.5 | 4.2 | 1.8 | 0.75 | 1000         | Red    | HS-30J | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| HNY 1.25-4   | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |        |        |                                                             |
| HNY 1.25-5   | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |        |                                                             |
| HNY 1.25-6   | 6         | 1/4"     | 6.5            | 11.6 | 11.2 | 28.0 |      |     |     |      |              |        |        |                                                             |
| HNY 2-3.5    | 3.5       | #6       | 3.7            | 8.5  | 7.75 | 23.0 | 11.0 | 4.9 | 2.3 | 0.8  | 1000         | Blue   | HS-30J | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| HNY 2-4      | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |        |        |                                                             |
| HNY 2-5      | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |        |                                                             |
| HNY 2-6      | 6         | 1/4"     | 6.5            | 12.0 | 11.0 | 27.5 |      |     |     |      |              |        |        |                                                             |
| HNY 5.5-3.5  | 3.5       | #6       | 3.7            | 9.5  | 8.85 | 26.6 | 13.5 | 6.7 | 3.4 | 1.0  | 500          | Yellow | HS-30J | Wire range:4-6mm²<br>A.W.G.: (12-10)<br>Max.current=48A     |
| HNY 5.5-4    | 4         | #8       | 4.3            |      |      |      |      |     |     |      |              |        |        |                                                             |
| HNY 5.5-5    | 5         | #10      | 5.3            |      |      |      |      |     |     |      |              |        |        |                                                             |
| HNY 5.5-6    | 6         | 1/4"     | 6.5            | 12.0 | 10.5 | 29.5 |      |     |     |      |              |        |        |                                                             |
| HNY 5.5-8    | 8         | 5/16"    | 8.5            | 15.0 | 13.5 | 34.0 | 16.7 | 8.0 | 4.5 | 1.2  | 250          | Red    | /      | Wire range:6-10mm²<br>A.W.G.: (8)<br>Max.current=62A        |
| HNY 5.5-10   | 10        | 3/8"     | 10.5           | 15.0 | 13.5 | 34.5 |      |     |     |      |              |        |        |                                                             |
| HNY 5.5-12   | 12        | 1/2"     | 13.0           | 19.2 | 16.0 | 38.5 |      |     |     |      |              |        |        |                                                             |
| HNY 8-8      | 8         | 5/16"    | 8.4            | 15.0 | 13.8 | 37.7 | 16.7 | 8.0 | 4.5 | 1.2  | 250          | Red    | /      | Wire range:6-10mm²<br>A.W.G.: (8)<br>Max.current=62A        |

# Non-Insulated With Brazed Seam Hook Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin



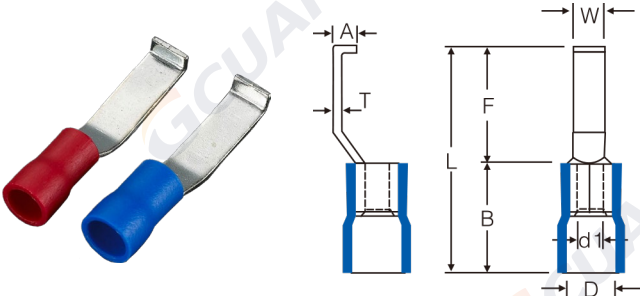
| Item No.     | Stud Size |          | Dimension (mm) |      |      |      |     |     |     |      | Pcs/<br>Pack | Tools              | Explanation                                                |
|--------------|-----------|----------|----------------|------|------|------|-----|-----|-----|------|--------------|--------------------|------------------------------------------------------------|
|              | Metric    | American | d2             | W    | F    | L    | B   | D   | d1  | T    |              |                    |                                                            |
| HNB 1.25-3.5 | 3.5       | #4       | 3.7            | 8.0  | 7.0  | 15.8 | 4.8 | 3.4 | 1.8 | 0.75 | 1000         | HS-101<br>jaw-1.25 | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| HNB 1.25-4   | 4         | #8       | 4.3            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 1.25-5   | 5         | #10      | 5.3            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 1.25-6   | 6         | 1/4"     | 6.4            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 2-3.5    | 3.5       | #6       | 3.7            | 8.5  | 7.8  | 16.8 | 4.8 | 4.1 | 2.3 | 0.8  | 1000         | HS-101<br>jaw-2    | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| HNB 2-4      | 4         | #8       | 4.3            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 2-5      | 5         | #10      | 5.3            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 2-6      | 6         | 1/4"     | 6.4            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 5.5-3.5  | 3.5       | #6       | 3.7            | 9.5  | 9.5  | 19.8 | 6.0 | 5.6 | 3.4 | 1.0  | 1000         | HS-101<br>jaw-5.5  | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A     |
| HNB 5.5-4    | 4         | #8       | 4.3            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 5.5-5    | 5         | #10      | 5.3            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 5.5-6    | 6         | 1/4"     | 6.4            |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 5.5-8    | 8         | 5/16"    | 8.4            | 15.0 | 13.5 | 27.0 | 8.5 | 7.2 | 4.5 | 1.2  | 500          | HS-101<br>jaw-8    | Wire range:6-10mm²<br>A.W.G.:(8)<br>Max.current=62A        |
| HNB 5.5-10   | 10        | 3/8"     | 10.5           |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 5.5-12   | 12        | 1/2"     | 13.0           |      |      |      |     |     |     |      |              |                    |                                                            |
| HNB 8-8      | 8         | 5/16"    | 8.4            |      |      |      |     |     |     |      |              |                    |                                                            |

# Vinyl Insulated-Single Crimp Lipped Blade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/PVC

**Maximum Temperature Resistance:** 75°C



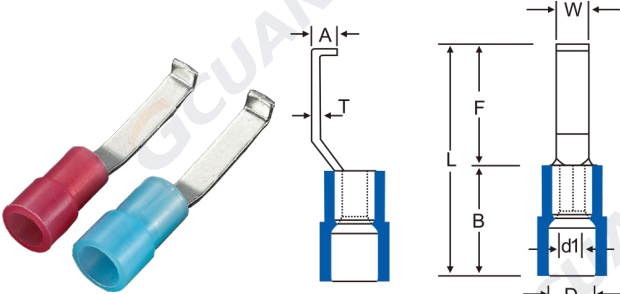
| Item No.     | Dimension (mm) |      |      |      |     |     |     |      | Pcs/<br>Pack | Color  | Tools                | Explanation                                                 |
|--------------|----------------|------|------|------|-----|-----|-----|------|--------------|--------|----------------------|-------------------------------------------------------------|
|              | W              | F    | L    | B    | D   | d1  | A   | T    |              |        |                      |                                                             |
| LBV 1.25-3   | 3.0            | 16.8 | 27.2 | 10.0 | 4.2 | 1.8 | 2.1 | 0.75 | 1000         | Red    | HS-30J<br>red jaw    | Wire range:0.5-1.5mm²<br>A.W.G.: (22-16)<br>Max.current=19A |
| LBV 1.25-4.6 | 4.6            |      |      |      |     |     |     |      |              |        |                      |                                                             |
| LBV 2-3      | 3.0            | 16.8 | 27.2 | 10.0 | 4.9 | 2.3 | 2.1 | 0.8  | 1000         | Blue   | HS-30J<br>blue jaw   | Wire range:1.5-2.5mm²<br>A.W.G.: (16-14)<br>Max.current=27A |
| LBV 2-4.6    | 4.6            |      |      |      |     |     |     |      |              |        |                      |                                                             |
| LBV 5.5-3    | 3.0            | 17.2 | 30.2 | 13.0 | 6.6 | 3.4 | 2.4 | 1.0  | 500          | Yellow | HS-30J<br>yellow jaw | Wire range:4-6mm²<br>A.W.G.: (12-10)<br>Max.current=48A     |
| LBV 5.5-4.6  | 4.6            |      |      |      |     |     |     |      |              |        |                      |                                                             |

# Nylon Insulated-Single Crimp Lipped Blade Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: PA66/Nylon

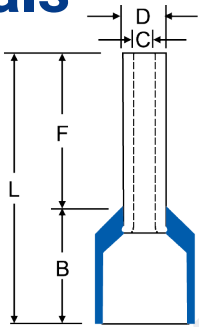
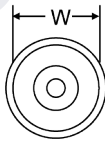
**Maximum Temperature Resistance:** 105°C



| Item No.      | Dimension (mm) |      |      |      |     |     |      |     | Pcs/<br>Pack | Color  | Tools  | Explanation                                                |
|---------------|----------------|------|------|------|-----|-----|------|-----|--------------|--------|--------|------------------------------------------------------------|
|               | W              | F    | L    | B    | D   | D1  | A    | T   |              |        |        |                                                            |
| LBNY 1.25-3   | 3.0            | 17.8 | 28.8 | 10.5 | 1.8 | 4.2 | 0.75 | 2.1 | 1000         | Red    | HS-30J | Wire range:0.5-1.5mm²<br>A.W.G.:(22-16)<br>Max.current=19A |
| LBNY 1.25-4.6 | 4.6            |      |      |      |     |     |      |     |              |        |        |                                                            |
| LBNY 2-3      | 3.0            | 17.8 | 28.8 | 11.0 | 2.3 | 4.9 | 0.8  | 2.1 | 1000         | Blue   | HS-30J | Wire range:1.5-2.5mm²<br>A.W.G.:(16-14)<br>Max.current=27A |
| LBNY 2-4.6    | 4.6            |      |      |      |     |     |      |     |              |        |        |                                                            |
| LBNY 5.5-3    | 3.0            | 18.2 | 31.2 | 14.0 | 3.4 | 6.7 | 1.0  | 2.4 | 500          | Yellow | HS-30J | Wire range:4-6mm²<br>A.W.G.:(12-10)<br>Max.current=48A     |
| LBNY 5.5-4.6  | 4.6            |      |      |      |     |     |      |     |              |        |        |                                                            |

# Nylon Insulated Cord End Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin
  - Insulation: Vinyl/Nylon

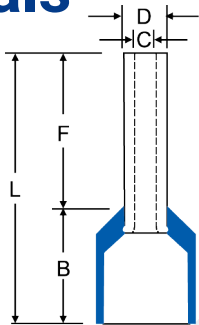
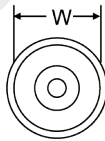


| ITEM NO | F  | L    | A.W.G.<br>MM <sup>2</sup>       | W   | B   | D   | C   | STANDARD<br>COLOR | SELECTED COLOR                                                                                                                                                                                                                                                                                  | PCS/PACK | USE THE<br>TOOLS |
|---------|----|------|---------------------------------|-----|-----|-----|-----|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|
| E0206   | 6  | 10.4 | 26A.W.G.<br>0.25mm <sup>2</sup> | 1.9 | 4.4 | 1.1 | 0.8 | Red<br>Green      | <div><div></div> Red</div> <div><div></div> Blue</div> <div><div></div> Yellow</div> <div><div></div> Black</div> <div><div></div> Green</div> <div><div></div> Gray</div> <div><div></div> White</div> <div><div></div> Orange</div> <div><div></div> Purple</div> <div><div></div> Pink</div> | 1000     | HSC8 6-4         |
| E0208   | 8  | 12.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0306   | 6  | 10.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0308   | 8  | 12.4 | 24A.W.G.<br>0.3mm <sup>2</sup>  | 1.9 | 4.4 | 1.1 | 0.8 | Red<br>Green      |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4         |
| E0310   | 10 | 14.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0312   | 12 | 16.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0505   | 5  | 11   | 22A.W.G.<br>0.5mm <sup>2</sup>  | 2.6 | 6.0 | 1.3 | 1.0 | White<br>Orange   |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4         |
| E0506   | 6  | 12   |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0508   | 8  | 14   |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0510   | 10 | 16   |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E0512   | 12 | 18   | 20A.W.G.<br>0.75mm <sup>2</sup> | 2.8 | 6.3 | 1.5 | 1.2 | Blue<br>White     |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4         |
| E07506  | 6  | 12.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E07508  | 8  | 14.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E07510  | 10 | 16.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E07512  | 12 | 18.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E07518  | 18 | 24.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1006   | 6  | 12.3 | 18A.W.G.<br>1.0mm <sup>2</sup>  | 3.0 | 6.3 | 1.7 | 1.4 | Red<br>Yellow     |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4         |
| E1008   | 8  | 14.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1010   | 10 | 16.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1012   | 12 | 18.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1018   | 18 | 24.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1506   | 6  | 12.3 | 16A.W.G.<br>1.5mm <sup>2</sup>  | 3.5 | 6.3 | 2.0 | 1.7 | Black<br>Red      |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4         |
| E1508   | 8  | 14.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1510   | 10 | 16.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1512   | 12 | 18.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1515   | 15 | 21.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E1518   | 18 | 24.3 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E2508   | 8  | 15.4 | 14A.W.G.<br>2.5mm <sup>2</sup>  | 4.0 | 7.4 | 2.6 | 2.3 | Gray<br>Blue      |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4         |
| E2510   | 10 | 17.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E2512   | 12 | 19.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |
| E2518   | 18 | 25.4 |                                 |     |     |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |

# Nylon Insulated Cord End Terminals

**Material:**

- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/Nylon

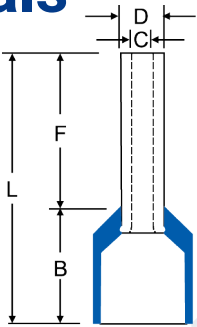
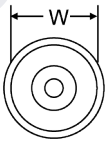


E Cold-pressed Terminals

| ITEM NO | F  | L    | A.W.G.<br>MM <sup>2</sup>      | W    | B    | D    | C    | STANDARD<br>COLOR | SELECTED COLOR                                                                                                                                                                                                                                                                                  | PCS/PACK | USE THE<br>TOOLS  |
|---------|----|------|--------------------------------|------|------|------|------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|
| E4009   | 9  | 16.4 | 12A.W.G.<br>4.0mm <sup>2</sup> | 4.5  | 7.4  | 3.2  | 2.8  | Orange<br>Gray    | <div><div></div> Red</div> <div><div></div> Blue</div> <div><div></div> Yellow</div> <div><div></div> Black</div> <div><div></div> Green</div> <div><div></div> Gray</div> <div><div></div> White</div> <div><div></div> Orange</div> <div><div></div> Purple</div> <div><div></div> Pink</div> | 1000     | HSC8 6-4          |
| E4010   | 10 | 17.4 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E4012   | 12 | 19.4 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E4018   | 18 | 25.4 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E6010   | 10 | 18.5 | 10A.W.G.<br>6.0mm <sup>2</sup> | 6.0  | 8.5  | 3.9  | 3.5  | Green<br>Black    |                                                                                                                                                                                                                                                                                                 | 1000     | HSC8 6-4          |
| E6012   | 12 | 20.5 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E6018   | 18 | 26.5 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E10-12  | 12 | 20.8 | 8A.W.G.<br>10mm <sup>2</sup>   | 7.5  | 8.8  | 4.9  | 4.5  | Brown<br>Milk     |                                                                                                                                                                                                                                                                                                 | 500      | HSC8 16-4         |
| E10-18  | 18 | 26.8 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E10-20  | 20 | 28.8 |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E16-12  | 12 | 22   | 6A.W.G.<br>16mm <sup>2</sup>   | 8.7  | 10   | 6.2  | 5.8  | Milk<br>Green     |                                                                                                                                                                                                                                                                                                 | 500      | HSC8 16-4         |
| E16-18  | 18 | 28   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E16-20  | 20 | 30   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E25-12  | 12 | 24   | 4A.W.G.<br>25mm <sup>2</sup>   | 11.0 | 12.0 | 7.9  | 7.5  | Black<br>Brown    |                                                                                                                                                                                                                                                                                                 | 200      | HS-35WF<br>jaw 25 |
| E25-15  | 15 | 27   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E25-16  | 16 | 28   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E25-18  | 18 | 30   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E25-22  | 22 | 34   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E25-25  | 25 | 37   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E35-16  | 16 | 30   | 2A.W.G.<br>35mm <sup>2</sup>   | 12.5 | 14.0 | 8.7  | 8.3  | Red<br>Beige      |                                                                                                                                                                                                                                                                                                 | 200      | HS-35WF<br>jaw 25 |
| E35-18  | 18 | 32   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E35-20  | 20 | 34   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E35-22  | 22 | 36   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E35-25  | 25 | 39   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |
| E50-20  | 20 | 36   | 1/0A.W.G<br>50mm <sup>2</sup>  | 15.0 | 16.0 | 10.9 | 10.3 | Green<br>Blue     |                                                                                                                                                                                                                                                                                                 | 100      | /                 |
| E50-25  | 25 | 41   |                                |      |      |      |      |                   |                                                                                                                                                                                                                                                                                                 |          |                   |

# Nylon Insulated Cord End Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin
  - Insulation: Vinyl/Nylon



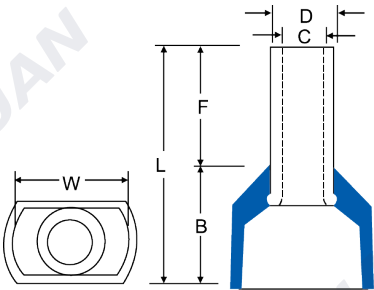
| ITEM NO | F  | L    | A.W.G.<br>MM <sup>2</sup>                  | W    | B    | D    | C    | STANDARD<br>COLOR | SELECTED COLOR                                                                       | PCS/PACK | USE THE<br>TOOLS |
|---------|----|------|--------------------------------------------|------|------|------|------|-------------------|--------------------------------------------------------------------------------------|----------|------------------|
| E70-20  | 20 | 37   | 2/0A.W.G.<br>70mm <sup>2</sup>             | 16.0 | 17.0 | 14.3 | 13.5 | Yellow            | <div><div></div> Red</div> <div><div></div> Blue</div> <div><div></div> Yellow</div> | 100      |                  |
| E70-25  | 25 | 42   |                                            |      |      |      |      |                   |                                                                                      | 100      |                  |
| E70-27  | 27 | 44   |                                            |      |      |      |      |                   |                                                                                      | 100      |                  |
| E95-25  | 25 | 44   | 3/0A.W.G.<br>95mm <sup>2</sup>             | 18.5 | 19.0 | 15.3 | 14.5 | Red               | <div><div></div> Black</div>                                                         | 100      |                  |
| E120-27 | 27 | 47.6 | 4/0A.W.G.<br>120mm <sup>2</sup>            | 20.3 | 20.6 | 17.5 | 16.5 | Blue              | <div><div></div> Green</div> <div><div></div> Gray</div>                             | 100      |                  |
| E120-32 | 32 | 52.6 |                                            |      |      |      |      |                   | <div><div></div> White</div>                                                         | 100      |                  |
| E150-25 | 25 | 50.6 | 250/300MCM<br>A.W.G.<br>150mm <sup>2</sup> | 23.4 | 25.6 | 20.6 | 19.6 | Red               | <div><div></div> Orange</div>                                                        | 100      |                  |
| E150-27 | 27 | 52.6 |                                            |      |      |      |      |                   | <div><div></div> Purple</div>                                                        | 100      |                  |
| E150-32 | 32 | 57.6 |                                            |      |      |      |      |                   | <div><div></div> Pink</div>                                                          | 100      |                  |

# Nylon Insulated Cord End Terminals

## Twin Cables Type

**Material:**

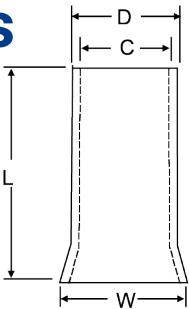
- Terminal Body: Copper
- Plating: Tin
- Insulation: Vinyl/Nylon



| ITEM NO | F  | L    | A.W.G.<br>MM <sup>2</sup>           | W    | B    | D   | C   | STANDARD<br>COLOR | SELECTED COLOR                                                                                                                                                                                                                                                                                  | PCS/PACK | USE THE<br>TOOLS |           |
|---------|----|------|-------------------------------------|------|------|-----|-----|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-----------|
| TE0508  | 8  | 14.5 | 2×22A.W.G.<br>2×0.5mm <sup>2</sup>  | 5.0  | 6.5  | 1.8 | 1.5 | White<br>Orange   | <div><div></div> Red</div> <div><div></div> Blue</div> <div><div></div> Yellow</div> <div><div></div> Black</div> <div><div></div> Green</div> <div><div></div> Gray</div> <div><div></div> White</div> <div><div></div> Orange</div> <div><div></div> Purple</div> <div><div></div> Pink</div> | 1000     | HSC8 6-4         |           |
| TE0510  | 10 | 16.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE0512  | 12 | 18.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE07508 | 8  | 14.7 | 2×20A.W.G.<br>2×0.75mm <sup>2</sup> | 5.5  | 6.7  | 2.1 | 1.8 | Blue<br>Gray      |                                                                                                                                                                                                                                                                                                 |          | 1000             | HSC8 6-4  |
| TE07510 | 10 | 16.7 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE07512 | 12 | 18.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE1008  | 8  | 15.1 | 2×18A.W.G.<br>2×1.0mm <sup>2</sup>  | 5.5  | 7.1  | 2.3 | 2.0 | Red<br>Yellow     |                                                                                                                                                                                                                                                                                                 |          | 1000             | HSC8 6-4  |
| TE1010  | 10 | 17.1 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE1012  | 12 | 19.1 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE1508  | 8  | 15.5 | 2×16A.W.G.<br>2×1.5mm <sup>2</sup>  | 6.4  | 7.2  | 2.3 | 2.3 | Black<br>Yellow   |                                                                                                                                                                                                                                                                                                 |          | 1000             | HSC8 6-4  |
| TE1510  | 10 | 17.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE1512  | 12 | 19.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE2508  | 8  | 16.5 | 2×14A.W.G.<br>2×2.5mm <sup>2</sup>  | 8.0  | 8.5  | 3.3 | 2.9 | Gray<br>Blue      |                                                                                                                                                                                                                                                                                                 |          | 1000             | HSC8 6-4  |
| TE2510  | 10 | 18.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE2512  | 12 | 20.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE2513  | 13 | 21.5 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE4012  | 12 | 23.1 | 2×12A.W.G.<br>2×4mm <sup>2</sup>    | 8.8  | 11.1 | 4.2 | 3.8 | Orange<br>Gray    |                                                                                                                                                                                                                                                                                                 |          | 1000             | HSC8 16-4 |
| TE4018  | 18 | 29.1 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE6014  | 14 | 26.1 | 2×10A.W.G.<br>2×6mm <sup>2</sup>    | 9.5  | 12.1 | 5.3 | 4.9 | Green<br>Black    |                                                                                                                                                                                                                                                                                                 |          | 500              | HSC8 16-4 |
| TE6018  | 18 | 30.1 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE10-14 | 14 | 26.6 | 2×8A.W.G.<br>2×10mm <sup>2</sup>    | 12.6 | 12.6 | 6.9 | 6.5 | Brown<br>Red      |                                                                                                                                                                                                                                                                                                 |          | 500              | HS-35WF   |
| TE16-14 | 14 | 31.3 |                                     |      |      |     |     |                   |                                                                                                                                                                                                                                                                                                 |          |                  |           |
| TE16-25 | 25 | 42.3 | 2×6A.W.G.<br>2×16mm <sup>2</sup>    | 19.0 | 17.3 | 8.7 | 8.3 | Milk<br>Blue      |                                                                                                                                                                                                                                                                                                 | 200      | HS-35WF          |           |

Non-Insulated Cord End Terminals

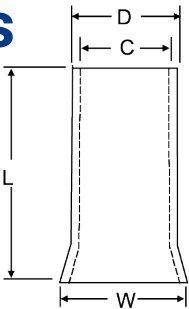
- Material:
- Terminal Body: Copper
  - Plating: Tin



| ITEM NO | DIMENISON mm |      |     |     | A.W.G.<br>MM²       | PCS/PACK | USE THE TOOLS |          |     |
|---------|--------------|------|-----|-----|---------------------|----------|---------------|----------|-----|
|         | L            | D    | C   | W   |                     |          |               |          |     |
| EN0306  | 6            | 1.1  | 0.8 | 1.5 | 24A.W.G.<br>0.3mm²  | 2000     | HSC8 6-4      |          |     |
| EN0308  | 8            |      |     |     |                     |          |               |          |     |
| EN0310  | 10           |      |     |     |                     |          |               |          |     |
| EN0312  | 12           |      |     |     |                     |          |               |          |     |
| EN0505  | 5            | 1.3  | 1.0 | 1.7 | 22A.W.G.<br>0.5mm²  | 2000     | HSC8 6-4      |          |     |
| EN0506  | 6            |      |     |     |                     |          |               |          |     |
| EN0508  | 8            |      |     |     |                     |          |               |          |     |
| EN0510  | 10           |      |     |     |                     |          |               |          |     |
| EN0512  | 12           | 1.5  | 1.2 | 1.9 | 20A.W.G.<br>0.75mm² | 2000     | HSC8 6-4      |          |     |
| EN07506 | 6            |      |     |     |                     |          |               |          |     |
| EN07508 | 8            |      |     |     |                     |          |               |          |     |
| EN07510 | 10           |      |     |     |                     |          |               |          |     |
| EN07512 | 12           |      |     |     |                     |          |               |          |     |
| EN07515 | 15           |      |     |     |                     |          |               |          |     |
| EN07518 | 18           | 1.7  | 1.4 | 2.2 | 18A.W.G.<br>1.0mm²  | 2000     | HSC8 6-4      |          |     |
| EN1006  | 6            |      |     |     |                     |          |               |          |     |
| EN1008  | 8            |      |     |     |                     |          |               |          |     |
| EN1010  | 10           |      |     |     |                     | 1000     |               | HSC8 6-4 |     |
| EN1012  | 12           |      |     |     |                     |          |               |          |     |
| EN1015  | 15           |      |     |     |                     |          |               |          |     |
| EN1018  | 18           |      |     |     |                     | 2.0      |               |          | 1.7 |
| EN1020  | 20           |      |     |     |                     |          |               |          |     |
| EN1506  | 6            |      |     |     |                     |          |               |          |     |
| EN1507  | 7            |      |     |     |                     |          |               |          |     |
| EN1508  | 8            | 1000 |     |     |                     |          |               |          |     |
| EN1510  | 10           |      |     |     |                     |          |               |          |     |
| EN1512  | 12           |      |     |     |                     |          |               |          |     |
| EN1515  | 15           | 2.6  | 2.3 | 3.3 | 14A.W.G.<br>2.5mm²  | 2000     | HSC8 6-4      |          |     |
| EN1518  | 18           |      |     |     |                     |          |               |          |     |
| EN2506  | 6            |      |     |     |                     | 1000     |               |          |     |
| EN2507  | 7            |      |     |     |                     |          |               |          |     |
| EN2508  | 8            |      |     |     |                     |          |               |          |     |
| EN2510  | 10           |      |     |     |                     | 1000     |               |          |     |
| EN2512  | 12           |      |     |     |                     |          |               |          |     |
| EN2515  | 15           |      |     |     |                     |          |               |          |     |
| EN2518  | 18           |      |     |     |                     |          |               |          |     |

# Non-Insulated Cord End Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin

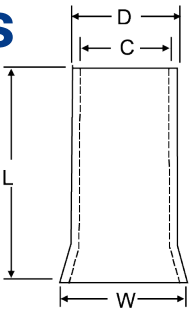


E Cold-pressed Terminals

| ITEM NO | DIMENISON mm |     |     |     | A.W.G.<br>MM <sup>2</sup>    | PCS/PACK | USE THE TOOLS     |
|---------|--------------|-----|-----|-----|------------------------------|----------|-------------------|
|         | L            | D   | C   | W   |                              |          |                   |
| EN4009  | 9            | 3.2 | 2.8 | 3.9 | 12A.W.G.<br>4mm <sup>2</sup> | 1000     | HSC8 6-4          |
| EN4010  | 10           |     |     |     |                              |          |                   |
| EN4012  | 12           |     |     |     |                              |          |                   |
| EN4015  | 15           |     |     |     |                              |          |                   |
| EN4018  | 18           |     |     |     |                              |          |                   |
| EN4020  | 20           | 3.9 | 3.5 | 4.7 | 10A.W.G.<br>6mm <sup>2</sup> | 1000     | HSC8 6-4          |
| EN6006  | 6            |     |     |     |                              |          |                   |
| EN6010  | 10           |     |     |     |                              |          |                   |
| EN6012  | 12           |     |     |     |                              |          |                   |
| EN6015  | 15           |     |     |     |                              |          |                   |
| EN6018  | 18           | 4.9 | 4.5 | 5.8 | 8A.W.G.<br>10mm <sup>2</sup> | 1000     | HSC8 16-4         |
| EN10-12 | 12           |     |     |     |                              |          |                   |
| EN10-15 | 15           |     |     |     |                              |          |                   |
| EN10-16 | 16           |     |     |     |                              |          |                   |
| EN10-18 | 18           |     |     |     |                              |          |                   |
| EN10-20 | 20           | 6.2 | 5.8 | 7.2 | 6A.W.G.<br>16mm <sup>2</sup> | 1000     | HSC8 16-4         |
| EN16-12 | 12           |     |     |     |                              |          |                   |
| EN16-15 | 15           |     |     |     |                              |          |                   |
| EN16-16 | 16           |     |     |     |                              |          |                   |
| EN16-18 | 18           |     |     |     |                              |          |                   |
| EN16-20 | 20           | 7.9 | 7.5 | 9.1 | 4A.W.G.<br>25mm <sup>2</sup> | 500      | HS-35WF<br>jaw 25 |
| EN16-22 | 22           |     |     |     |                              |          |                   |
| EN16-25 | 25           |     |     |     |                              |          |                   |
| EN16-30 | 30           |     |     |     |                              |          |                   |
| EN25-12 | 12           |     |     |     |                              |          |                   |
| EN25-15 | 15           | 7.9 | 7.5 | 9.1 | 4A.W.G.<br>25mm <sup>2</sup> | 500      | HS-35WF<br>jaw 25 |
| EN25-16 | 16           |     |     |     |                              |          |                   |
| EN25-18 | 18           |     |     |     |                              |          |                   |
| EN25-20 | 20           |     |     |     |                              |          |                   |
| EN25-22 | 22           |     |     |     |                              |          |                   |
| EN25-25 | 25           | 7.9 | 7.5 | 9.1 | 4A.W.G.<br>25mm <sup>2</sup> | 500      | HS-35WF<br>jaw 25 |
| EN25-30 | 30           |     |     |     |                              |          |                   |

Non-Insulated Cord End Terminals

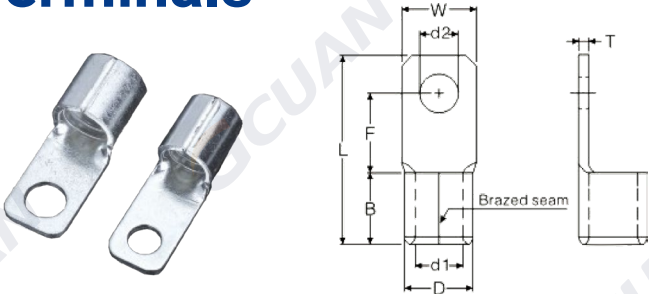
- Material:
- Terminal Body: Copper
  - Plating: Tin



| ITEM NO  | DIMENISON mm |      |      |      | A.W.G.<br>MM²                  | PCS/PACK | USE THE TOOLS                      |
|----------|--------------|------|------|------|--------------------------------|----------|------------------------------------|
|          | L            | D    | C    | W    |                                |          |                                    |
| EN35-12  | 12           | 8.7  | 8.3  | 10.2 | 2A.W.G.<br>35mm²               | 500      | HS-35WF<br>Crimp using<br>a 35 jaw |
| EN35-15  | 15           |      |      |      |                                |          |                                    |
| EN35-16  | 16           |      |      |      |                                |          |                                    |
| EN35-18  | 18           |      |      |      |                                |          |                                    |
| EN35-20  | 20           |      |      |      |                                |          |                                    |
| EN35-22  | 22           |      |      |      |                                |          |                                    |
| EN35-25  | 25           |      |      |      |                                |          |                                    |
| EN35-30  | 30           | 10.9 | 10.3 | 12.7 | 1/0A.W.G.<br>50mm²             | 200      | /                                  |
| EN50-20  | 20           |      |      |      |                                |          |                                    |
| EN50-22  | 22           |      |      |      |                                |          |                                    |
| EN50-25  | 25           |      |      |      |                                |          |                                    |
| EN50-30  | 30           | 14.3 | 13.5 | 15.8 | 2/0A.W.G.<br>70mm²             | 100      | /                                  |
| EN70-20  | 20           |      |      |      |                                |          |                                    |
| EN70-22  | 22           |      |      |      |                                |          |                                    |
| EN70-25  | 25           |      |      |      |                                |          |                                    |
| EN70-30  | 30           | 15.6 | 14.8 | 17.3 | 3/0A.W.G.<br>95mm²             | 100      | /                                  |
| EN95-25  | 25           |      |      |      |                                |          |                                    |
| EN95-30  | 30           |      |      |      |                                |          |                                    |
| EN95-32  | 32           | 17.7 | 16.7 | 20.2 | 4/0A.W.G.<br>120mm²            | 100      | /                                  |
| EN120-30 | 30           |      |      |      |                                |          |                                    |
| EN120-32 | 32           |      |      |      |                                |          |                                    |
| EN120-34 | 34           |      |      |      |                                |          |                                    |
| EN120-38 | 38           | 20.6 | 19.6 | 23   | 250/300MCM<br>A.W.G.<br>150mm² | 100      | /                                  |
| EN150-32 | 32           |      |      |      |                                |          |                                    |
| EN150-34 | 34           |      |      |      |                                |          |                                    |
| EN150-38 | 38           |      |      |      |                                |          |                                    |
| EN150-40 | 40           | 21.4 | 20.2 | 23.9 | 300/350MCM<br>A.W.G.<br>185mm² | 100      | /                                  |
| EN185-32 | 32           |      |      |      |                                |          |                                    |
| EN185-40 | 40           |      |      |      |                                |          |                                    |

# Non-Insulated With Brazed Seam Square Tongue Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin

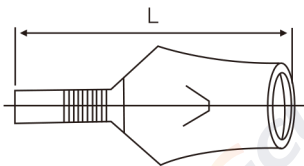
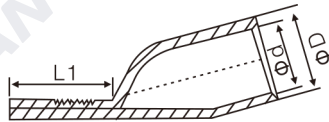


| Item No.    | Stud Size |          | Dimension (mm) |      |      |      |      |      |      |     | Pcs/<br>Pack | Tools | Explanation                                                               |
|-------------|-----------|----------|----------------|------|------|------|------|------|------|-----|--------------|-------|---------------------------------------------------------------------------|
|             | Metric    | American | d2             | W    | F    | L    | B    | D    | d1   | T   |              |       |                                                                           |
| SQNB 22-5   | 5         | #10      | 5.3            | 12.5 | 13.5 | 32.0 | 12.0 | 11.5 | 8.1  | 1.7 | 250          | /     | Wire range:16-25mm <sup>2</sup><br>A.W.G.: (4)<br>Max.current=115A        |
| SQNB 22-6   | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 22-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 38-5   | 5         | #10      | 5.3            | 13.5 | 16.3 | 38.0 | 14.0 | 13.3 | 9.7  | 1.8 | 200          | /     | Wire range:35mm <sup>2</sup><br>A.W.G.: (2)<br>Max.current=160A           |
| SQNB 38-6   | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 38-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 38-10  | 10        | 3/8"     | 10.5           | 16.0 | 20.0 | 49.5 | 18.0 | 15.4 | 11.8 | 1.8 | 100          | /     | Wire range:50mm <sup>2</sup><br>A.W.G.: (1/0)<br>Max.current=215A         |
| SQNB 60-6   | 6         | 1/4"     | 6.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 60-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 60-10  | 10        | 3/8"     | 10.5           | 17.5 | 20.0 | 48.0 | 18.0 | 17.5 | 13.5 | 2.0 | 50           | /     | Wire range:70mm <sup>2</sup><br>A.W.G.: (2/0)<br>Max.current=235A         |
| SQNB 70-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 70-10  | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 70-12  | 12        | 1/2"     | 13.0           | 21.8 | 20.0 | 49.0 | 20.0 | 19.5 | 14.5 | 2.3 | 50           | /     | Wire range:95mm <sup>2</sup><br>A.W.G.: (3/0)<br>Max.current=255A         |
| SQNB 80-8   | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 80-10  | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 80-12  | 12        | 1/2"     | 13.0           | 21.8 | 21.0 | 53.0 | 21.0 | 22.1 | 16.4 | 2.5 | 25           | /     | Wire range:120mm <sup>2</sup><br>A.W.G.: (4/0)<br>Max.current=300A        |
| SQNB 100-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 100-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 100-12 | 12        | 1/2"     | 13.0           | 22.0 | 22.3 | 61.0 | 27.0 | 26.6 | 19.5 | 3.2 | 25           | /     | Wire range:150mm <sup>2</sup><br>A.W.G.: (250/300MCM)<br>Max.current=395A |
| SQNB 150-8  | 8         | 5/16"    | 8.4            |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 150-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 150-12 | 12        | 1/2"     | 13.0           | 36.0 | 22.3 | 72.5 | 31.0 | 32.6 | 24.0 | 4.0 | 10           | /     | Wire range:240mm <sup>2</sup><br>A.W.G.: (400/500MCM)<br>Max.current=470A |
| SQNB 200-10 | 10        | 3/8"     | 10.5           |      |      |      |      |      |      |     |              |       |                                                                           |
| SQNB 200-12 | 12        | 1/2"     | 13.0           |      |      |      |      |      |      |     |              |       |                                                                           |

# C45 Insert Needle Naked Terminals

## Plug-in Needle

- Material:**
- Terminal Body: Copper
  - Plating: Tin

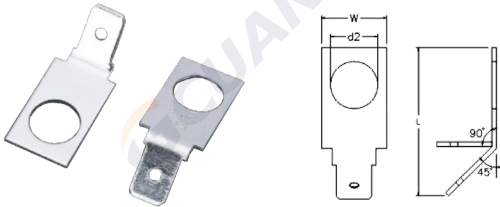


| Item No.           | Dimension (mm) |      |      |      | Pcs/Pack |
|--------------------|----------------|------|------|------|----------|
|                    | D              | d1   | L    | L1   |          |
| C-1.5 <sup>2</sup> | 3.5            | 2.1  | 22.0 | 10.0 | 1000     |
| C-2.5 <sup>2</sup> | 4.0            | 2.6  | 22.0 | 10.0 | 1000     |
| C-4 <sup>2</sup>   | 4.8            | 3.4  | 22.0 | 10.0 | 500      |
| C-6 <sup>2</sup>   | 6.0            | 4.0  | 27.0 | 10.0 | 500      |
| C-10 <sup>2</sup>  | 6.7            | 5.1  | 33.0 | 13.0 | 200      |
| C-16 <sup>2</sup>  | 8.0            | 6.0  | 36.0 | 13.0 | 200      |
| C-25 <sup>2</sup>  | 9.0            | 7.0  | 37.0 | 13.0 | 200      |
| C-35 <sup>2</sup>  | 10.5           | 8.2  | 39.0 | 13.0 | 100      |
| C-50 <sup>2</sup>  | 12.4           | 9.8  | 43.5 | 13.0 | 100      |
| C-70 <sup>2</sup>  | 14.7           | 11.9 | 47.0 | 13.0 | 100      |
| C-95 <sup>2</sup>  | 17.0           | 13.4 | 50.0 | 18.0 | 100      |

# Non-Insulated Terminal Block Tabs Quick Disconnects

**Material:**

- Terminal Body: Brass
- Plating: Tin

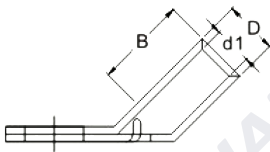
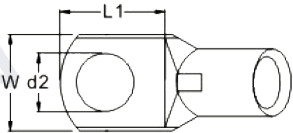


| Item No.       | Stud Size |          | Nema Tab            | Dimension (mm) |      |      | Figure | Pcs/<br>Pack |
|----------------|-----------|----------|---------------------|----------------|------|------|--------|--------------|
|                | Metric    | American |                     | d2             | W    | L    |        |              |
| 1L 1105-2-45   | 2.0       | #2       | 020×110<br>0.5×2.8  | 2.4            | 4.6  | 7.1  |        | 1000         |
| 1L 1108-2-45   | 2.0       | #2       | 032×110<br>0.8×2.8  |                |      |      |        |              |
| 1L 1875-3.5-45 | 3.5       | #6       | 020×187<br>0.5×4.75 | 3.7            | 7.6  | 15.5 |        | 1000         |
| 1L 1875-4-45   | 4.0       | #8       |                     | 4.3            |      |      |        |              |
| 1L 1875-5-45   | 5.0       | #10      |                     | 5.3            |      |      |        |              |
| 1L 2508-3.5-45 | 3.5       | #6       | 032×250<br>0.8×6.35 | 3.7            | 8.0  | 17.5 |        | 1000         |
| 1L 2508-4-45   | 4.0       | #8       |                     | 4.3            |      |      |        |              |
| 1L 2508-5-45   | 5.0       | #10      |                     | 5.3            |      |      |        |              |
| 1L 2508-6-45   | 6.0       | 1/4"     |                     | 6.4            | 11.5 | 27.0 |        | 500          |
| 1L 2508-8-45   | 8.0       | 5/16"    |                     | 8.4            |      |      |        |              |
| 1L 2508-10-45  | 10.0      | 3/8"     |                     | 10.5           | 17.5 | 32.5 |        | 200          |
| 2L2508-3.5-45  | 3.5       | #6       | 032×250<br>0.8×6.35 | 3.7            | 8.1  | 26.5 |        | 500          |
| 2L2508-4-45    | 4.0       | #8       |                     | 4.3            |      |      |        |              |
| 2L2508-5-45    | 5.0       | #10      |                     | 5.3            |      |      |        |              |
| 1L 1105-2-90   | 2.0       | #2       | 020×110<br>0.5×2.8  | 2.4            | 4.6  | 7.1  |        | 1000         |
| 1L 1108-2-90   | 2.0       | #2       | 032×110<br>0.8×2.8  |                |      |      |        |              |
| 1L 1875-3.5-90 | 3.5       | #6       | 020×187<br>0.5×4.75 | 3.7            | 7.6  | 10.9 |        | 1000         |
| 1L 1875-4-90   | 4.0       | #8       |                     | 4.3            |      |      |        |              |
| 1L 1875-5-90   | 5.0       | #10      |                     | 5.3            |      |      |        |              |
| 1L 2508-3.5-90 | 3.5       | #6       | 032×250<br>0.8×6.35 | 3.7            | 8.1  | 11.6 |        | 1000         |
| 1L 2508-4-90   | 4.0       | #8       |                     | 4.3            |      |      |        |              |
| 1L 2508-5-90   | 5.0       | #10      |                     | 5.3            |      |      |        |              |

# T45° Copper Tube Terminals

## Connecting Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin

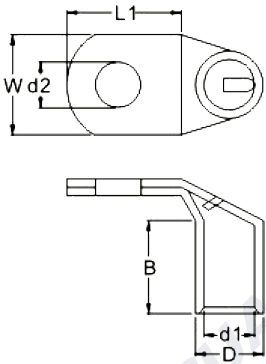


| Item No.    | Dimension (mm) |      |      |      |      |      | Pcs/<br>Pack | Explanation                   |
|-------------|----------------|------|------|------|------|------|--------------|-------------------------------|
|             | d2             | D    | d1   | W    | B    | L1   |              |                               |
| T10-6-45D   | 6.4            | 6.9  | 4.7  | 11.9 | 11.0 | 12.5 | /            | Wire range:10mm <sup>2</sup>  |
| T10-8-45D   | 8.4            | 6.9  | 4.7  | 13.5 | 11.0 | 15.5 | /            |                               |
| T16-6-45D   | 6.4            | 7.8  | 5.6  | 11.9 | 12.0 | 11.5 | /            | Wire range:16mm <sup>2</sup>  |
| T16-8-45D   | 8.4            | 7.8  | 5.6  | 13.5 | 12.0 | 15.0 | /            |                               |
| T25-8-45D   | 8.4            | 9.5  | 7.1  | 14.0 | 13.0 | 16.0 | /            | Wire range:25mm <sup>2</sup>  |
| T25-10-45D  | 10.5           | 9.5  | 7.1  | 16.0 | 13.0 | 19.0 | /            |                               |
| T35-8-45D   | 8.4            | 11.0 | 8.2  | 16.5 | 16.0 | 18.0 | /            | Wire range:35mm <sup>2</sup>  |
| T35-10-45D  | 10.5           | 11.0 | 8.2  | 16.5 | 16.0 | 22.0 | /            |                               |
| T50-10-45D  | 10.5           | 12.5 | 9.5  | 18.0 | 19.0 | 22.0 | /            | Wire range:50mm <sup>2</sup>  |
| T50-12-45D  | 13.0           | 12.5 | 9.5  | 18.0 | 20.0 | 22.0 | /            |                               |
| T70-10-45D  | 10.5           | 15.0 | 11.5 | 21.5 | 21.0 | 22.0 | /            | Wire range:70mm <sup>2</sup>  |
| T70-12-45D  | 13.0           | 15.0 | 11.5 | 21.5 | 21.0 | 22.0 | /            |                               |
| T95-14-45D  | 15.0           | 17.0 | 13.5 | 24.7 | 24.0 | 32.8 | /            | Wire range:95mm <sup>2</sup>  |
| T95-16-45D  | 17.0           | 17.0 | 13.5 | 24.7 | 24.0 | 32.8 | /            |                               |
| T120-14-45D | 15.0           | 20.0 | 15.6 | 29.0 | 27.0 | 32.5 | /            | Wire range:120mm <sup>2</sup> |
| T120-16-45D | 17.0           | 20.0 | 15.6 | 29.0 | 27.0 | 32.5 | /            |                               |
| T150-14-45D | 15.0           | 21.0 | 16.5 | 30.4 | 32.0 | 33.0 | /            | Wire range:150mm <sup>2</sup> |
| T150-16-45D | 17.0           | 21.0 | 16.5 | 30.4 | 32.0 | 33.0 | /            |                               |
| T185-16-45D | 17.0           | 23.6 | 18.4 | 34.0 | 34.0 | 35.0 | /            | Wire range:185mm <sup>2</sup> |
| T240-16-45D | 17.0           | 26.4 | 21.2 | 38.5 | 38.0 | 35.0 | /            | Wire range:240mm <sup>2</sup> |

# T90° Copper Tube Terminals

## Connecting Terminals

- Material:**
- Terminal Body: Copper
  - Plating: Tin



| Item No.    | Dimension (mm) |      |      |      |      |      | Pcs/<br>Pack | Explanation                   |
|-------------|----------------|------|------|------|------|------|--------------|-------------------------------|
|             | d2             | D    | d1   | W    | B    | L1   |              |                               |
| T10-6-90D   | 6.4            | 6.9  | 4.7  | 11.9 | 10.5 | 12.5 | /            | Wire range:10mm <sup>2</sup>  |
| T10-8-90D   | 8.4            | 6.9  | 4.7  | 13.5 | 10.5 | 15.5 | /            |                               |
| T16-6-90D   | 6.4            | 7.8  | 5.6  | 11.9 | 11.0 | 11.5 | /            | Wire range:16mm <sup>2</sup>  |
| T16-8-90D   | 8.4            | 7.8  | 5.6  | 13.5 | 11.0 | 15.5 | /            |                               |
| T25-8-90D   | 8.4            | 9.5  | 7.1  | 14.0 | 13.0 | 16.0 | /            | Wire range:25mm <sup>2</sup>  |
| T25-10-90D  | 10.5           | 9.5  | 7.1  | 16.0 | 13.0 | 19.0 | /            |                               |
| T35-8-90D   | 8.4            | 11.0 | 8.2  | 16.5 | 16.0 | 18.0 | /            | Wire range:35mm <sup>2</sup>  |
| T35-10-90D  | 10.5           | 11.0 | 8.2  | 16.5 | 16.0 | 22.0 | /            |                               |
| T50-10-90D  | 10.5           | 12.5 | 9.5  | 18.0 | 19.0 | 22.0 | /            | Wire range:50mm <sup>2</sup>  |
| T50-12-90D  | 13.0           | 12.5 | 9.5  | 18.0 | 19.0 | 22.0 | /            |                               |
| T70-10-90D  | 10.5           | 15.0 | 11.5 | 21.5 | 21.0 | 22.0 | /            | Wire range:70mm <sup>2</sup>  |
| T70-12-90D  | 13.0           | 15.0 | 11.5 | 21.5 | 21.0 | 22.0 | /            |                               |
| T95-14-90D  | 15.0           | 17.0 | 13.5 | 24.7 | 24.0 | 32.8 | /            | Wire range:95mm <sup>2</sup>  |
| T95-16-90D  | 17.0           | 17.0 | 13.5 | 24.7 | 24.0 | 32.8 | /            |                               |
| T120-14-90D | 15.0           | 20.0 | 15.6 | 29.0 | 27.0 | 32.5 | /            | Wire range:120mm <sup>2</sup> |
| T120-16-90D | 17.0           | 20.0 | 15.6 | 29.0 | 27.0 | 32.5 | /            |                               |
| T150-14-90D | 15.0           | 21.0 | 16.5 | 30.4 | 32.0 | 33.0 | /            | Wire range:150mm <sup>2</sup> |
| T150-16-90D | 17.0           | 21.0 | 16.5 | 30.4 | 32.0 | 33.0 | /            |                               |
| T185-16-90D | 17.0           | 23.6 | 18.4 | 34.0 | 34.0 | 35.0 | /            | Wire range:185mm <sup>2</sup> |
| T240-16-90D | 17.0           | 26.4 | 21.2 | 38.5 | 38.0 | 35.0 | /            | Wire range:240mm <sup>2</sup> |

# OVERHEAD POWER LINE CONNECTORS



# JJC Insulated piercing connector

## General of insulated piercing connector (IPC):

1. Piercing connector, simple installation, need not strip the cable coat.
2. Torque nut, piercing pressure is constant, keep good electric connection and make no damage to lead.
3. Self-seam frame, wetproof, waterproof, and anti-corrosion, extend the using life of insulated lead and connector.
4. Adopted special connecting tablet, apply to joint of Cu(Al) and Cu(Al) or Cu and Al.
5. Small electric connecting resistance, connecting resistance less than 2.5 times of the resistance of branch conductor with the same length. In accordance with the standard DL/T765.1-2001.
6. Special insulated case body, resistance to illumination and environmental aging, the insulation strength can up to 12kv.
7. Arc surface design, apply to connection with the same (different) diameter, wide connection scope (0.75mm<sup>2</sup>-400mm<sup>2</sup>/td)



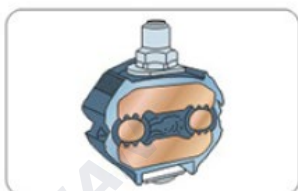
Insulated piercing connector(IPC)



Special nut and torque nut



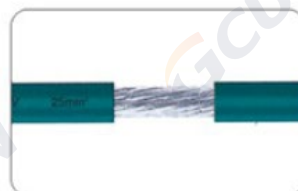
Appearance diagram of installation



Section diagram of piercing effect



Piercing effect of insulated coat

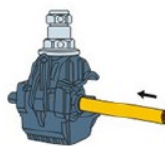


Piercing effect of wire core

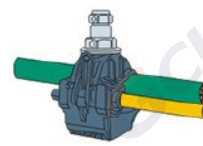
## Installation of single screw Insulated piercing connector



1. Adjust the connector nut to suitable location



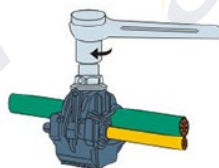
2. Put the branch wire into the cap sheath fully



3. Insert the main wire, if there are two lays of insulated lay in the main cable. Should strip a certain length of the first insulated lay from inserted end.



4. Turn the nut by hand and fix the connector in suitable location.



5. Screw the nut with the sleeve spanner.



6. Screw the nut continually until the top part is cracked and dropped down.

# JJC Insulated piercing connector

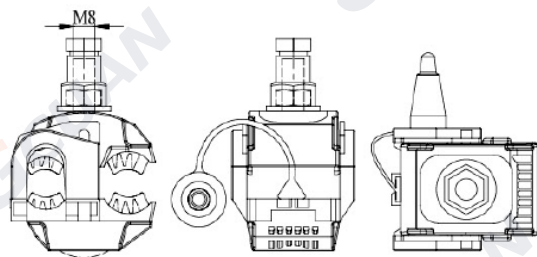
### Application:

Used for low voltage aerial cables, These connectors are used to establish connections between bare cable and insulated aluminum cable or insulated copper cable.

**Material:** Body is molded from high strength and weather resistant material.

### Structure feature:

- Puncture structure, torque nut, to ensure the puncture pressure, and it's easy to fix.
- Pressurized structure, corrosion protection, and have a longevity of service.
- Contact resistance is small , and the temperature of cord grip is low.
- Connected with different pathway lead, and it's useful.
- Insulating property is wonderful



| Type          | Main Line Section (mm²) | Branch Section (mm²) | Outline Size | Weight |
|---------------|-------------------------|----------------------|--------------|--------|
| JJC888        | 0.75-6                  | 0.75-6               | 21×27×23     | 10     |
| JJC-1         | 1.5-35                  | 1.5-10               | 27×41×62     | 55     |
| JJC-2         | 16-95                   | 1.5-10               | 27×41×62     | 55     |
| JJC-3         | 16-95                   | 4-50                 | 46×52×87     | 160    |
| JJC-3-1       | 4-50                    | 4-25                 | 42×45×62     | 110    |
| JJC-4         | 50-150                  | 6-50                 | 46×52×87     | 162    |
| JJC-5         | 25-95                   | 25-95                | 50×61×100    | 198    |
| JJC-5-1       | 16-120                  | 16-120               | 50×61×100    | 198    |
| JJC-6         | 35-150                  | 35-150               | 50×61×100    | 280    |
| JJC-7         | 120-240                 | 25-120               | 52×68×100    | 360    |
| JJC-7-1       | 150-240                 | 10-25                | 52×68×100    | 336    |
| SL400         | 95-400                  | 35-300               | 83×130×130   | 1050   |
| JJC1A-150/50X | 25-150                  | 6-50                 | 47×54×75     | 146    |
| JJC1-150/50X  | 25-150                  | 6-50                 | 47×54×75     | 150    |
| JJC1-150/150X | 25-150                  | 25-150               | 52×61×80     | 196    |
| JJC1-240/70X  | 120-240                 | 6-70                 | 52×68×100    | 300    |
| JJC1-240/240X | 95-240                  | 95-240               | 92×80×125    | 930    |

# JJC Fire-retardant IPC

## Four Major Functional Advantages

High-strength Insulating/Flame-retardant Shell

- The body of the piercing connector is made of an insulating and flame-retardant material that can withstand high temperatures, has strong insulation properties, and is resistant to mechanical and climatic changes.

Low Resistance/Low Temperature Rise

- It has a small contact resistance and a low temperature rise of the wire connector: The specially designed torque bolt ensures a constant piercing pressure, enabling the wire connector to achieve good electrical contact with the wire without excessively damaging the wire, thus guaranteeing the normal service life of the overhead insulated wire.

Convenient Installation Design

- During installation, there is no need to strip the insulating layer of the wire. Simply place the main wire and branch wire in the wire connector at the specified positions, and then evenly tighten and break off the torque nut with a socket wrench.

Sealed Structure with High Insulation

- The inside of the wire connector is filled with insulating and heat-conducting grease. After installation, the entire conductor forms a fully enclosed structure, which improves the insulation strength and safety.



| Type         | Main Line Section (mm²) | Branch Section (mm²) | Normal Current (A) | Piercing Depth (mm) |
|--------------|-------------------------|----------------------|--------------------|---------------------|
| JJC888       | 0.75 - 6                | 0.75 - 6             | 41                 | 1 - 1.5             |
| JJC - 1F     | 1.5 - 25                | 1.5 - 10             | 55                 | 1.5 - 2             |
| JJC - 2F     | 16 - 95                 | 1.5 - 10             | 55                 | 1-2                 |
| JJC - 3 - 1F | 6 - 50                  | 4-25                 | 157                | 2.5 - 3.5           |
| JJC - 3F     | 16 - 95                 | 4 - 35 (50)          | 157                | 2.5 - 3.5           |
| JJC - 4F     | 50 - 150                | 6 - 35 (50)          | 157                | 2.5 - 3.5           |
| JJC - 5F     | 25 - 95                 | 25 - 95              | 214                | 3-4                 |
| JJC - 5 - 1F | 16 - 120                | 16 - 120             | 214                | 3-4                 |
| JJC - 6F     | (35) 50 - 150           | (35) 50 - 150        | 316                | 3-4                 |
| JJC - 7F     | 120 - 240               | 25 - 120             | 276                | 3-4                 |
| JJC - 7 - 1F | 150 - 240               | 10-25                | 102                | 3-4                 |
| SL300F       | 300                     | 25-95                | 425                | 4.5-5.5             |
|              |                         | 95-240               |                    |                     |
| SL400F       | 95-400                  | 35-300               | 425                | 5-6                 |

# TTD Insulated piercing connector

## Application:

Used for branch connection of insulated cable for building distribution system, connection of LV overhead insulated cables, branch connection of LV insulated service-entrance cable, distribution system of streetlight, etc.

## Material:

- Main line: insulated copper or aluminum
- Branch line: insulated copper or aluminum
- Main body of connector is made of high strength insulating material that anti mechanical change or climatic variation.

## Structure feature:

- Live-linework or power-cut work is allowable
- The screw that is equipped with fastening torque nut is anti-corrosion treated, the torque nut enables the installation to be much simple, safe and quick, its constant puncturing pressure guarantees best electrical effect for the cable connection.
- The connector is featured with property of waterproof; it can withstand voltage of 6KV in water without breakdown phenomenon.
- The waterproof sealing end cap of branch line prevents water from entering the branch connected conductor. It can be branched on the left or right side according to the demand.



| Type     | Main Line Section (mm <sup>2</sup> ) | Branch Section (mm <sup>2</sup> ) | Max current (A) | Bolt   |        | Torque nut |
|----------|--------------------------------------|-----------------------------------|-----------------|--------|--------|------------|
|          |                                      |                                   |                 | Number | H (mm) |            |
| TTD041FJ | 6 - 35                               | 1.5 - 10                          | 86              | 1×M8   | 13     | F1309      |
| TTD051FJ | 16 - 95                              | 1.5 - 10                          | 86              | 1×M8   | 13     | F1309      |
| TTD101FJ | 6 - 50                               | 2.5(6) - 35                       | 200             | 1×M8   | 13     | F1314      |
| TTD151FJ | 25 - 95                              | 2.5(6) - 35                       | 200             | 1×M8   | 13     | F1314      |
| TTD201FJ | 35 - 95                              | 25 - 95                           | 377             | 1×M8   | 13     | F1318      |
| TTD251FJ | 50 - 150                             | 25 - 95                           | 377             | 1×M8   | 13     | F1318      |
| TTD271FJ | 35 - 120                             | 35 - 120                          | 377             | 1×M8   | 13     | F1318      |
| TTD281FJ | 50 - 185                             | 2.5(6) - 35                       | 200             | 1×M8   | 13     | F1314      |
| TTD301FJ | 25 - 95                              | 25 - 95                           | 377             | 2×M8   | 13     | F1314      |
| TTD401FJ | 50 - 185                             | 50 - 150                          | 504             | 2×M8   | 13     | F1318      |
| TTD431FJ | 70 - 240                             | 16 - 95                           | 377             | 2×M10  | 17     | F1720      |
| TTD441FJ | 95 - 240                             | 50 - 150                          | 504             | 2×M10  | 17     | F1725      |
| TTD451FJ | 95 - 240                             | 95 - 240                          | 530             | 2×M10  | 17     | F1725      |
| TTD551FJ | 120 - 400                            | 95 - 240                          | 679             | 2×M10  | 17     | F1737      |

# TTD Fire-retardant IPC

## Application:

Used for branch connection of insulated cable for building distribution system, connection of LV overhead insulated cables, branch connection of LV insulated service-entrance cable, distribution system of streetlight, etc.



| Type      | Main Line Section (mm <sup>2</sup> ) | Branch Section (mm <sup>2</sup> ) | Max current (A) | Bolt   |        | Torque nut |
|-----------|--------------------------------------|-----------------------------------|-----------------|--------|--------|------------|
|           |                                      |                                   |                 | Number | H (mm) |            |
| TTD041FV0 | 6 - 35                               | 1.5 - 10                          | 86              | 1×M8   | 13     | F1309      |
| TTD051FV0 | 16 - 95                              | 1.5 - 10                          | 86              | 1×M8   | 13     | F1309      |
| TTD101FV0 | 6 - 50                               | 2.5(6) - 35                       | 200             | 1×M8   | 13     | F1309      |
| TTD151FV0 | 25 - 95                              | 2.5(6) - 35                       | 200             | 1×M8   | 13     | F1314      |
| TTD201FV0 | 35 - 95                              | 25 - 95                           | 377             | 1×M8   | 13     | F1318      |
| TTD251FV0 | 50 - 150                             | 25 - 95                           | 377             | 1×M8   | 13     | F1314      |
| TTD271FV0 | 35 - 120                             | 35 - 120                          | 377             | 1×M8   | 13     | F1314      |
| TTD281FV0 | 50 - 185                             | 2.5(6) - 35                       | 200             | 1×M8   | 13     | F1314      |
| TTD301FV0 | 25 - 95                              | 25 - 95                           | 377             | 2×M8   | 13     | F1314      |
| TTD401FV0 | 50 - 185                             | 50 - 150                          | 504             | 2×M8   | 13     | F1318      |
| TTD431FV0 | 70 - 240                             | 16 - 95                           | 377             | 2×M10  | 17     | F1720      |
| TTD441FV0 | 95 - 240                             | 50 - 150                          | 504             | 2×M10  | 17     | F1725      |
| TTD451FV0 | 95 - 240                             | 95 - 240                          | 530             | 2×M10  | 17     | F1725      |
| TTD551FV0 | 120 - 400                            | 95 - 240                          | 679             | 2×M10  | 17     | F1737      |

## Installation of 1kV TTD Fire-retardant IPC



1. Unscrew the connector firstly.



2. Placed the main line in the main trough, keep it with blade-foot in line. Note: Whether the scope of the wire diameter corresponding of the connector.



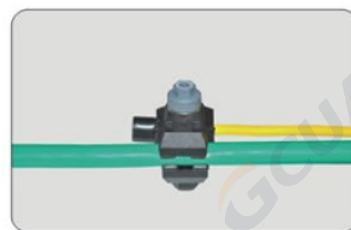
3. Then place the branch line into the branch trough. Notes Ibid.



4. Tighten it with a socket wrench. Disable open-end wrench.



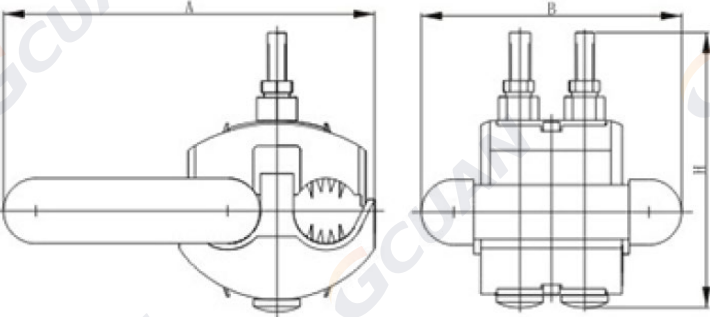
5. The nut will be twisted off when tighten to a certain constant torque. As shown.



6. After installation results.

# 1kV Insulated piercing grounding connector

**Application:**  
It is suitable for 1kv overhead insulated wire grounding protection and temporary electrical inspection.



| Type          | Suitable wire (mm²) | Dimensions (mm) |     |     | Normal Current (A) | Bolt Quantity (pcs) | Piercing Depth (mm) |
|---------------|---------------------|-----------------|-----|-----|--------------------|---------------------|---------------------|
|               |                     | A               | B   | H   |                    |                     |                     |
| JJCD1-16-95   | 16-95               | 120             | 103 | 80  | 214                | 1                   | 3-4                 |
| JJCD1-35-120  | 35-120              | 120             | 103 | 80  | 316                | 2                   | 3-4                 |
| JJCD1-50-150  | 50-150              | 120             | 103 | 80  | 316                | 1                   | 3-4                 |
| JJCD1-95-185  | 95-185              | 125             | 103 | 110 | 276                | 1                   | 3-4                 |
| JJCD1-150-240 | 150-240             | 125             | 103 | 110 | 276                | 1                   | 3-4                 |

# 10kV Insulated piercing grounding connector

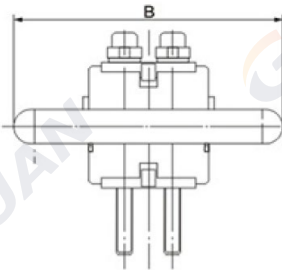
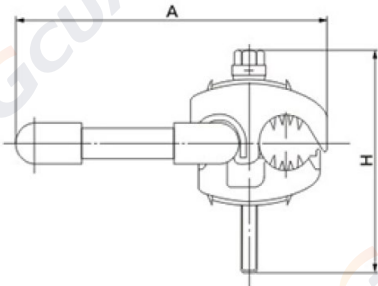
**Application:**  
It is suitable for 10kv overhead insulated wire grounding protection and temporary electrical inspection



| Type           | Suitable wire (mm²) | Dimensions (mm) |     |       | Normal Current (A) | Bolt Quantity (pcs) | Piercing Depth (mm) |
|----------------|---------------------|-----------------|-----|-------|--------------------|---------------------|---------------------|
|                |                     | A               | B   | H     |                    |                     |                     |
| JJCD10-95-25   | 25-95               | 144.5           | 140 | 92.5  | 257                | 2                   | 4-5                 |
| JJCD10-120-35  | 35-120              | 148             | 120 | 86    | 316                | 2                   | 4-5                 |
| JJCD10-95-185  | 95-185              | 152             | 140 | 112.5 | 476                | 2                   | 4-5                 |
| JJCD10-150-240 | 150-240             | 160             | 140 | 112.5 | 476                | 2                   | 4-5                 |
| JJCD10-16-240  | 16-240              | 148             | 120 | 108   | 476                | 2                   | 4-5                 |

# 10kV distribution line grounding connectors

**Application:**  
Applicable to earthing protection for 10kV distribution line.



F Insulated Piercing Connectors

| Type             | Suitable wire<br>(mm²) | Dimensions (mm) |     |     | Normal Current<br>(A) | Bolt Quantity<br>(pcs) | Piercing Depth<br>(mm) |
|------------------|------------------------|-----------------|-----|-----|-----------------------|------------------------|------------------------|
|                  |                        | A               | B   | H   |                       |                        |                        |
| JJCD10-95-25DL   | 25-95                  | 148.5           | 140 | 98  | 257                   | 2                      | 4-5                    |
| JJCD10-120-35DL  | 35-120                 | 154             | 138 | 110 | 276                   | 2                      | 3-4                    |
| JJCD10-95-185DL  | 95-185                 | 152             | 140 | 113 | 476                   | 2                      | 4-5                    |
| JJCD10-150-240DL | 150-240                | 160             | 140 | 113 | 476                   | 2                      | 4-5                    |

# Anchoring clamp

**Product Overview:**

The anchoring clamp is used for corner connection, splicing and terminal connection. The spiral aluminum-clad steel wire has extremely strong tensile strength and no concentrated stress, which plays a role in protecting the optical cable and assisting in vibration reduction.

The complete set of optical cable tension fittings includes: tension preformed wire and supporting connecting fittings. The grip strength of the clamp is not less than 95% of the rated tensile strength of the optical cable. It is convenient and fast to install, reducing the construction cost. It is suitable for ADSS optical cable lines with a span of ≤100 meters and a line corner of <25°

**Product Advantages:**

- The clamp has high strength and reliable grip. The grip strength of the clamp is not less than 95% CUTS (calculated breaking force of stranded wire).
- The clamp has uniform stress distribution on the stranded wire without damaging the stranded wire, improves the vibration resistance of the stranded wire and greatly prolongs the service life of the conductor.
- Easy installation and convenient for construction. It can greatly shorten the construction time. Without any special tools, one person can complete the operation.
- The installation quality of the clamp is easy to guarantee and can be inspected with the naked eye without special training.
- Good corrosion resistance and high-quality materials are selected. The material is completely the same as that of the conductor, ensuring that the clamp has strong anti-electrochemical corrosion ability.



PA1500



PA2000



PA16



STA



STB



STC



DCR-2



LA1

| Type   | Cross-section (mm²) | Breaking Load |
|--------|---------------------|---------------|
| PA1500 | 25-50               | 6kN/15kN      |
| PA2000 | 70-120              | 6kN/12kN      |
| PA16   | 50-120              | 2.5kN         |
| STA    | 1×10/1×16           | 2.5kN         |
| STB    | 2×16/2×25           | 2.5kN         |
| STC    | 4×16/4×25           | 2.5kN         |
| DCR-2  | 2×4/2×25            | 2.5kN         |
| LA1    | 4×16/4×25           | 2.5kN         |

# Anchoring clamp



PA-01-SS



PA-02-SS



PA-03-SS



SL2.1

| Type              | Cross-section (mm²) | Breaking Load |
|-------------------|---------------------|---------------|
| PA-01-SS          | 4-25                | 4kN/6-7kN     |
| PA-02-SS          | 2.5-10              | 4.5kN         |
| PA-03-SS(Plastic) | 1.5-6               | 2.5kN         |
| PA-03-SS ( Zinc ) | 1.5-6               | 4kN           |
| SL2.1             | 16-25               | 2.5kN         |

# Four-core anchoring clamp



SL157



SL158



SL160



SL161



NES-2B

| Type   | Cross-section (mm²) | Breaking Load |
|--------|---------------------|---------------|
| SL157  | 2×16-35             | 6kN           |
| SL158  | 4×16-35             | 6kN           |
| SL160  | 2×16-35             | 5kN           |
| SL161  | 4×16-35             | 5kN           |
| NES-2B | 4×70-120            | 20kN          |

# Suspension clamp



SC50



SC95



SL1500



SL2500



SL1.1A

| Type       | Conductor Range (mm²) | Breaking Load |
|------------|-----------------------|---------------|
| SC50(SC35) | 16-50                 | 10kN          |
| SC95       | 50-95                 | 10kN          |
| SL1500     | 16-95                 | 8kN           |
| SL2500     | 16-95                 | 8kN/11kN      |
| SL1.1A     | 16-95                 | 5kN           |

# Suspension clamp with aluminum bracket



ES1500

| Type   | Conductor Range (mm²) | Breaking Load |
|--------|-----------------------|---------------|
| ES1500 | 16-95                 | 9kN/12kN      |

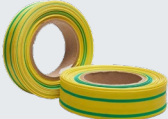
# HEAT AND COLD SHRINKABLE CABLE ACCESSORIES



# 1kV Heat Shrink Tubing

**Application:**  
Widely used in the connection of wires to provide anti-corrosion and insulation protection.

- Features:**
- Shrinkage ratio: 2:1; 3:1 (customized)
  - Shrinkage temperature: 85°C~125°C
  - Working temperature: -55°C~125°C
  - Environmental protection, high strength, good elasticity, flame retardant, soft, stable performance and other advantages.

| Product name                                                                                                                                                                                         | Single-color |                 | Dual-color |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|------------|-----------------|
|                                                                                                                                                                                                      | Diameter     | Length (m/roll) | Diameter   | Length (m/roll) |
| <br>1kV Heat Shrink Tubing<br> | Φ 1.0        | 400             | Φ 1.0      | 200             |
|                                                                                                                                                                                                      | Φ 1.5        | 400             | Φ 1.5      | 200             |
|                                                                                                                                                                                                      | Φ 2.0        | 400             | Φ 2.0      | 200             |
|                                                                                                                                                                                                      | Φ 2.5        | 400             | Φ 2.5      | 200             |
|                                                                                                                                                                                                      | Φ 3.0        | 400             | Φ 3.0      | 200             |
|                                                                                                                                                                                                      | Φ 3.5        | 400             | Φ 3.5      | 200             |
|                                                                                                                                                                                                      | Φ 4.0        | 400             | Φ 4.0      | 200             |
|                                                                                                                                                                                                      | Φ 4.5        | 200             | Φ 4.5      | 200             |
|                                                                                                                                                                                                      | Φ 5.0        | 200             | Φ 5.0      | 100             |
|                                                                                                                                                                                                      | Φ 5.5        | 200             | Φ 5.5      | 100             |
|                                                                                                                                                                                                      | Φ 6          | 200             | Φ 6        | 100             |
|                                                                                                                                                                                                      | Φ 7          | 100             | Φ 7        | 100             |
|                                                                                                                                                                                                      | Φ 8          | 100             | Φ 8        | 100             |
|                                                                                                                                                                                                      | Φ 9          | 100             | Φ 9        | 100             |
|                                                                                                                                                                                                      | Φ 10         | 100             | Φ 10       | 100             |
|                                                                                                                                                                                                      | Φ 12         | 100             | Φ 12       | 100             |
|                                                                                                                                                                                                      | Φ 14         | 100             | Φ 14       | 100             |
|                                                                                                                                                                                                      | Φ 16         | 100             | Φ 16       | 100             |
|                                                                                                                                                                                                      | Φ 18         | 100             | Φ 18       | 100             |
|                                                                                                                                                                                                      | Φ 20         | 100             | Φ 20       | 100             |
|                                                                                                                                                                                                      | Φ 22         | 100             | Φ 22       | 100             |
|                                                                                                                                                                                                      | Φ 25         | 25              | Φ 25       | 25              |
|                                                                                                                                                                                                      | Φ 28         | 25              | Φ 28       | 25              |
|                                                                                                                                                                                                      | Φ 30         | 25              | Φ 30       | 25              |
|                                                                                                                                                                                                      | Φ 35         | 25              | Φ 35       | 25              |
|                                                                                                                                                                                                      | Φ 40         | 25              | Φ 40       | 25              |
|                                                                                                                                                                                                      | Φ 50         | 25              | Φ 50       | 25              |
|                                                                                                                                                                                                      | Φ 60         | 25              | Φ 60       | 25              |
|                                                                                                                                                                                                      | Φ 70         | 25              | Φ 70       | 25              |
|                                                                                                                                                                                                      | Φ 80         | 25              | Φ 80       | 25              |
|                                                                                                                                                                                                      | Φ 90         | 25              | Φ 90       | 25              |
|                                                                                                                                                                                                      | Φ 100        | 25              | Φ 100      | 25              |
|                                                                                                                                                                                                      | Φ 120        | 25              | Φ 120      | 25              |
|                                                                                                                                                                                                      | Φ 150        | 25              | Φ 150      | 25              |

# Flame-retardant Heat Shrink Tubing

**Application:**

The product has good insulation, sealing, moisture-proof, waterproof, impact resistance and wear resistance. It is used for sealing and insulation protection of cable terminals or intermediate connections and other working environments that require anti-corrosion and moisture-proof.

**Features:** flame retardant, soft, high mechanical properties, sealing, moisture-proof, waterproof, anti-aging.

**Standard color:** red, yellow, blue, green, black.  
Other colors can be customized.



| Product name                       | 1kV      |                 | 10kV     |                 |
|------------------------------------|----------|-----------------|----------|-----------------|
|                                    | Diameter | Length (m/roll) | Diameter | Length (m/roll) |
| Flame-retardant Heat Shrink Tubing | Φ 5      | 100             | Φ 18     | 100             |
|                                    | Φ 8      | 100             | Φ 20     | 100             |
|                                    | Φ 10     | 100             | Φ 25     | 25              |
|                                    | Φ 12     | 100             | Φ 30     | 25              |
|                                    | Φ 14     | 100             | Φ 35     | 25              |
|                                    | Φ 16     | 100             | Φ 40     | 25              |
|                                    | Φ 18     | 100             | Φ 45     | 25              |
|                                    | Φ 20     | 100             | Φ 50     | 25              |
|                                    | Φ 25     | 25              | Φ 55     | 25              |
|                                    | Φ 30     | 25              | Φ 60     | 25              |
|                                    | Φ 35     | 25              | Φ 65     | 25              |
|                                    | Φ 40     | 25              | Φ 70     | 25              |
|                                    | Φ 45     | 25              | Φ 80     | 25              |
|                                    | Φ 50     | 25              | Φ 90     | 25              |
|                                    | Φ 55     | 25              | Φ 100    | 25              |
|                                    | Φ 60     | 25              | Φ 120    | 25              |
|                                    | Φ 65     | 25              | Φ 135    | 25              |
|                                    | Φ 70     | 25              | Φ 150    | 25              |
|                                    | Φ 80     | 25              | Φ 160    | 25              |
|                                    | Φ 90     | 25              | Φ 180    | 25              |
|                                    | Φ 100    | 25              | Φ 200    | 25              |
|                                    | Φ 120    | 25              |          |                 |
|                                    | Φ 135    | 25              |          |                 |
|                                    | Φ 160    | 25              |          |                 |
|                                    | Φ 180    | 25              |          |                 |
|                                    | Φ 200    | 25              |          |                 |

# 10kV/35kV Heat Shrink Tubing

**Application:**

Widely used in anti-corrosion and insulation protection of electrical equipment such as busbars in transformer station and switchgears etc.

**Features:**

- Shrinkage ratio: 2:1; 3:1 (customized)
- Shrinkage temperature: 85°C~125°C
- Working temperature: -55°C~125°C
- Environmental protection, high strength, good elasticity, flame retardant, soft, stable performance and other advantages.



**Standard colors:**

Black, red, yellow, green, blue, special colors can be customized according to the color card provided by clients.

**Specification of 10kV/35kV Heat Shrink Tubing**

| Product name            | Diameter | Length (m/roll) |
|-------------------------|----------|-----------------|
| 10kV Heat Shrink Tubing | Φ 20     | 25              |
|                         | Φ 25     | 25              |
|                         | Φ 30     | 25              |
|                         | Φ 40     | 25              |
|                         | Φ 50     | 25              |
|                         | Φ 60     | 25              |
|                         | Φ 70     | 25              |
|                         | Φ 80     | 25              |
|                         | Φ 90     | 25              |
|                         | Φ 100    | 25              |
|                         | Φ 120    | 25              |
| 35kV Heat Shrink Tubing | Φ 150    | 25              |
|                         | Φ 30     | 20              |
|                         | Φ 40     | 20              |
|                         | Φ 50     | 20              |
|                         | Φ 60     | 20              |
|                         | Φ 70     | 20              |
|                         | Φ 80     | 20              |
|                         | Φ 100    | 20              |

# Dual Wall Adhesive Lined Heat Shrink Tubing

## Application:

Dual wall heat shrink tubing features an inner adhesive layer that melts during heating, tightly sealing around wires and connectors. It provides strong waterproofing, enhances mechanical protection, and prevents moisture or contaminants from entering. Ideal for outdoor or harsh environments, it offers reliable resistance to water, chemicals, and abrasion, ensuring long-lasting corrosion protection and secure insulation.

## Features:

- Shrink Ratio: 3: 1
- Shrink temperature: 110°C to 130°C
- Operating temperature: -40°C to 125°C
- Insulated, waterproof, flexible, ultraviolet light and chemical resistant, long-lasting



| Size |        | As supplied (mm) | After recovery (mm) |            |                    | Standard package (m/roll) | Application range (mm) |
|------|--------|------------------|---------------------|------------|--------------------|---------------------------|------------------------|
| Inch | mm     | Min I.D.         | Max I.D.            | Total W.T. | Adhesive thickness |                           |                        |
| 1/16 | Φ1.6   | ≥1.6             | ≤0.60               | 0.65±0.15  | 0.30±0.10          | 200                       | 0.6-1.5                |
| 3/32 | Φ2.4   | ≥2.4             | ≤1.0                | 0.70±0.15  | 0.35±0.10          | 200                       | 1.0-2.3                |
| 1/8  | Φ3.2   | ≥3.2             | ≤1.30               | 0.90±0.30  | 0.40±0.20          | 200                       | 1.3-3.1                |
| 3/16 | Φ4.8   | ≥4.8             | ≤1.70               | 1.05±0.30  | 0.40±0.20          | 100                       | 1.8-4.6                |
| 1/4  | Φ6.4   | ≥6.4             | ≤2.50               | 1.25±0.30  | 0.45±0.20          | 100                       | 2.5-6.4                |
| 5/16 | Φ7.9   | ≥7.9             | ≤2.80               | 1.30±0.30  | 0.45±0.20          | 100                       | 2.9-7.7                |
| 3/8  | Φ9.5   | ≥9.5             | ≤3.20               | 1.45±0.30  | 0.50±0.20          | 50                        | 3.4-9.4                |
|      | Φ10.5  | ≥10.5            | ≤3.60               | 1.45±0.30  | 0.50±0.20          | 50                        | 3.8-10.4               |
| 1/2  | Φ12.7  | ≥12.7            | ≤4.60               | 1.70±0.30  | 0.50±0.20          | 50                        | 4.8-12.5               |
| 5/8  | Φ15.0  | ≥15.0            | ≤5.60               | 1.80±0.30  | 0.55±0.30          | 25                        | 5.8-14.8               |
| 3/4  | Φ19.1  | ≥19.1            | ≤6.80               | 1.95±0.30  | 0.60±0.30          | 25                        | 7.0-18.8               |
| 1    | Φ25.4  | ≥25.4            | ≤9.50               | 2.05±0.40  | 0.60±0.30          | 25                        | 9.7-25.0               |
| 5/4  | Φ30.0  | ≥30.0            | ≤12.00              | 2.20±0.40  | 0.65±0.30          | 25                        | 12.3-30.0              |
| 3/2  | Φ39.0  | ≥39.0            | ≤15.00              | 2.50±0.40  | 0.75±0.30          | 25                        | 15.5-39.0              |
| 2    | Φ50.0  | ≥50.0            | ≤19.00              | 2.80±0.40  | 0.80±0.30          | 25                        | 19.5-49.0              |
| 5/2  | Φ60.0  | ≥60.0            | ≤23.00              | 3.20±0.40  | 1.05±0.30          | 25                        | 23.5-58.0              |
| 3    | Φ75.0  | ≥75.0            | ≤25.00              | 3.20±0.50  | 1.05±0.40          | 25                        | 26.0-72.0              |
|      | Φ80.0  | ≥80.0            | ≤27.00              | 3.20±0.50  | 1.05±0.40          | 25                        | 27.0-78.0              |
| 7/2  | Φ90.0  | ≥90.0            | ≤33.00              | 3.30±0.50  | 1.05±0.40          | 25                        | 35.0-88.0              |
|      | Φ100.0 | ≥100.0           | ≤34.00              | 3.8±0.50   | 1.20±0.40          | 25                        | 35.0-100.0             |
|      | Φ125.0 | ≥125             | ≤42.00              | 3.8±0.50   | 1.20±0.40          | 25                        | 43.0-125.0             |
|      | Φ130.0 | ≥130             | ≤44.00              | 3.8±0.50   | 1.20±0.40          | 25                        | 45.0-130.0             |

# Dual Wall Adhesive Lined Heat Shrink Tubing

## Application:

Dual wall heat shrink tubing features an inner adhesive layer that melts during heating, tightly sealing around wires and connectors. It provides strong waterproofing, enhances mechanical protection, and prevents moisture or contaminants from entering. Ideal for outdoor or harsh environments, it offers reliable resistance to water, chemicals, and abrasion, ensuring long-lasting corrosion protection and secure insulation.

## Features:

- Shrink Ratio: 4: 1
- Shrink temperature: 110°C to 130°C
- Operating temperature: -40°C to 125°C
- Insulated, waterproof, flexible, ultraviolet light and chemical resistant, long-lasting



| Size | As supplied (mm) | After recovery (mm) |            |                    | Standard package (m/roll) |
|------|------------------|---------------------|------------|--------------------|---------------------------|
|      | Min I.D.         | Max I.D.            | Total W.T. | Adhesive thickness |                           |
| Φ4.0 | ≥4.0             | 1.0±0.2             | 1.05±0.15  | 0.4±0.15           | 200                       |
| Φ6.0 | ≥6.0             | 1.5±0.2             | 1.15±0.15  | 0.4±0.15           | 200                       |
| Φ8.0 | ≥8.0             | 2.0±0.3             | 1.55±0.15  | 0.5±0.15           | 100                       |
| Φ12  | ≥12              | 3.0±0.4             | 1.75±0.3   | 0.5±0.15           | 50                        |
| Φ16  | ≥16              | 4.0±0.5             | 2.0±0.3    | 0.8±0.2            | 25                        |
| Φ18  | ≥18              | 4.5±0.5             | 2.3±0.4    | 0.8±0.2            | 25                        |
| Φ20  | ≥20              | 5.0±0.6             | 2.4±0.4    | 0.85±0.25          | 25                        |
| Φ24  | ≥24              | 6.0±0.7             | 2.6±0.4    | 0.9±0.25           | 25                        |
| Φ32  | ≥32              | 8.0±0.8             | 3.0±0.5    | 1.0±0.3            | 25                        |
| Φ36  | ≥36              | 9.0±0.8             | 2.8±0.5    | 1.0±0.3            | 25                        |
| Φ40  | ≥40              | 10.0±1              | 3.1±0.5    | 1.2±0.35           | 25                        |
| Φ52  | ≥52              | 13.0±1.2            | 3.35±0.5   | 1.2±0.35           | 25                        |
| Φ72  | ≥72              | 24±2.0              | 3.35±0.5   | 1.2±0.35           | 25                        |

# Heat Shrink Cable Repair Sleeve

**Application:**

Heat Shrink Cable Repair Sleeve, also known as cable wrap, zipper-type heat shrink tubing, or heat shrinkable cable joint outer sleeve, is made of polyolefin material with an inner layer of hot-melt adhesive. It is used for quick repair of damaged cable outer sheaths, providing fast and permanent insulation, sealing, and protection for power cables. It features easy installation, a wide range of size options, and excellent tensile strength, abrasion resistance, and corrosion resistance.

**Features:**

- Shrink Ratio: 3: 1
- Polyolefin material with inner hot-melt adhesive for secure sealing.
- Fast installation with durable protection against abrasion and corrosion.
- Shrink temperature : starts at 90°C and fully recovers at 130°C.



| Size | Width(H) (mm) |                 | Wall Thickness(T) (mm) |                 | Standard Length /mm |
|------|---------------|-----------------|------------------------|-----------------|---------------------|
|      | As Supplied   | After Recovered | As Supplied            | After Recovered |                     |
| Φ30  | 120           | 37              | 1.0±0.3                | 3.8±0.4         | 900                 |
| Φ40  | 130           | 37              | 1.0±0.3                | 3.8±0.4         | 900                 |
| Φ50  | 160           | 52              | 1.0±0.3                | 3.8±0.4         | 900                 |
| Φ65  | 205           | 74              | 1.0±0.3                | 3.8±0.4         | 900                 |
| Φ70  | 220           | 74              | 1.0±0.3                | 3.8±0.4         | 900                 |
| Φ85  | 270           | 85              | 1.1±0.3                | 3.8±0.4         | 900                 |
| Φ100 | 320           | 85              | 1.1±0.3                | 3.8±0.4         | 900                 |
| Φ120 | 380           | 125             | 1.1±0.3                | 3.8±0.4         | 900                 |
| Φ150 | 475           | 155             | 1.1±0.3                | 3.8±0.4         | 900                 |
| Φ160 | 505           | 155             | 1.1±0.3                | 3.8±0.4         | 900                 |
| Φ195 | 590           | 155             | 1.0±0.3                | 3.8±0.4         | 900                 |

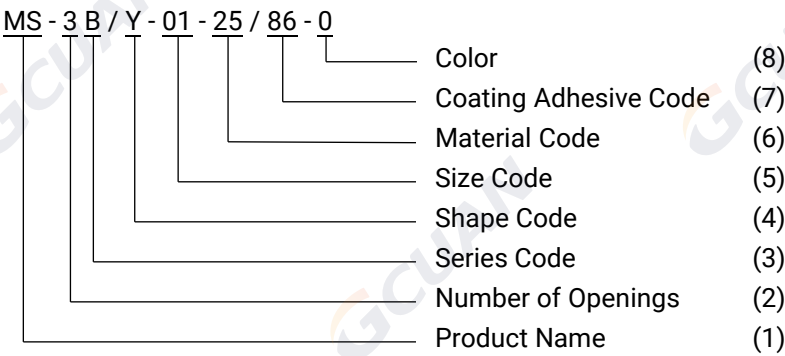
# Heat Shrink Boots

**Application:**

Heat shrink boots are designed to provide a reliable seal between cable assemblies and connectors, cable breakouts, and transition points. They protect cables and assemblies against corrosion and mechanical damage while offering excellent electrical insulation, environmental sealing, mechanical protection, and strain relief. Available with multiple outlets, various outlet angles, and branching configurations, they are suitable for multi-core cable applications and meet the requirements of most public transportation, military, and commercial applications.



**Part Numbering System:**



- (1) Product Name: Heat Shrink Boots
- (2) Number of Openings: 2 (two openings), 3 (three openings), etc.
- (3) Series Code: A – Standard, B – bulbous-shaped, C – Special, D – Lipped, K – With external hole
- (4) Shape Code: I (Straight), Y (Y-branch), C (Elbow), etc.
- (5) Size Code: From 01 (smallest) to 09 (largest)
- (6) Material Code: See detailed description below
- (7) Coating Adhesive Code: Hot melt adhesive code (e.g., 86, 42, ...)
- (8) Color: Black – 0

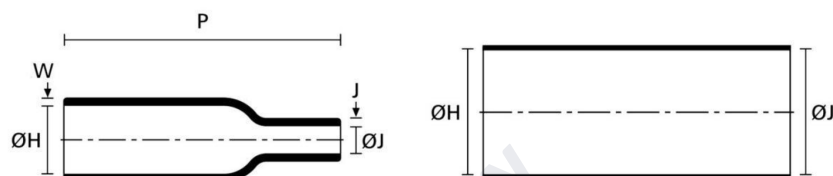
**Material Characteristics:**

| Material Code | Material                                           | Hardness (Shore A) | Operating Temperature | Installation Temperature | Material Properties                                                                                  |
|---------------|----------------------------------------------------|--------------------|-----------------------|--------------------------|------------------------------------------------------------------------------------------------------|
| -4            | Mold-Resistant Flexible Flame-Retardant Polyolefin | 82±2               | -55°C to 135°C        | 150°C                    | Mold-Resistant, Extra Flexible, Flame-Retardant, Abrasion-Resistant, Fluid-Resistant                 |
| -12           | Modified Fluoroelastomer                           | 87±2               | -55°C to 200°C        | 220°C                    | Flexible, Flame-Retardant, Heat-Resistant, Excellent Resistance to Oils and Fluids                   |
| -25           | Fluid-Resistant Elastomer                          | 92±2               | -55°C to 150°C        | 175°C                    | Semi-Rigid, Flame-Retardant, Chemical-Resistant, Abrasion-Resistant, Fluid-Resistant, Heat-Resistant |
| -71           | Semi-Rigid Modified Polyolefin                     | 90±2               | -55°C to 135°C        | 150°C                    | Semi-Rigid, Flame-Retardant, Fluid-Resistant, Heat-Resistant, Abrasion-Resistant                     |
| -100          | Halogen-Free Flame-Retardant Polyolefin            | 90±2               | -30°C to 120°C        | 150°C                    | Halogen-Free, Flame-Retardant, Low Smoke, Environmentally Compliant                                  |

Heat Shrink Boot Material Performance Specifications:

| Property                    | Test Item                       |                     | Unit                                                                                                  | Material Code                                                      |                     |                     |                     |                     | Test Method       |
|-----------------------------|---------------------------------|---------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
|                             |                                 |                     |                                                                                                       | -4                                                                 | -12                 | -25                 | -71                 | -100                |                   |
| Physical Properties         | Appearance After Recovery       |                     | /                                                                                                     | No cracking; recovered dimensions conform to product specification |                     |                     |                     |                     | JB/T 7829-2006    |
|                             | Hardness (Shore A)              |                     | Shore A                                                                                               | 82±2                                                               | 87±2                | 92±2                | 90±2                | 90±2                | GB/T 2411-2008    |
|                             | Tensile Strength                |                     | MPa                                                                                                   | ≥16                                                                | ≥12                 | ≥14                 | ≥14                 | ≥10                 | GB/T 1040.2-2006  |
|                             | Elongation at Break             |                     | %                                                                                                     | ≥450                                                               | ≥350                | ≥350                | ≥300                | ≥250                | GB/T 1040.2-2006  |
|                             | Water Absorption (23 °C, 24 h)  |                     | %                                                                                                     | ≤0.15                                                              | ≤0.15               | ≤0.15               | ≤0.15               | ≤0.15               | GB/T 2951.13-2008 |
|                             | Density                         |                     | g/cm³                                                                                                 | 1.1±0.1                                                            | 1.0±0.1             | 1.1±0.1             | 1.2±0.1             | 1.3±0.1             | GB/T 1033-2008    |
|                             | Low-Temperature Brittleness     | -55±5 °C, 4 h       | °C                                                                                                    | No cracking                                                        |                     |                     |                     | /                   | GB/T 5470-2008    |
| Aging Properties            | Oven Aging (135 °C, 168 h)      | Elongation at Break | %                                                                                                     | ≥350                                                               | /                   | /                   | ≥200                | ≥100                | GB/T 7141-2008    |
|                             |                                 | Tensile Strength    | MPa                                                                                                   | ≥12                                                                | /                   | /                   | ≥10                 | ≥8                  | GB/T 7141-2008    |
|                             | Oven Aging (150 °C, 168 h)      | Elongation at Break | %                                                                                                     | /                                                                  | /                   | ≥250                | /                   | /                   | GB/T 7141-2008    |
|                             |                                 | Tensile Strength    | MPa                                                                                                   | /                                                                  | /                   | ≥10                 | /                   | /                   | GB/T 7141-2008    |
|                             | Oven Aging (200 °C, 168 h)      | Elongation at Break | %                                                                                                     | /                                                                  | ≥250                | /                   | /                   | /                   | GB/T 7141-2008    |
|                             |                                 | Tensile Strength    | MPa                                                                                                   | /                                                                  | ≥10                 | /                   | /                   | /                   | GB/T 7141-2008    |
|                             | Heat Shock (200 °C, 4 h)        |                     | /                                                                                                     | No cracking, no flowing, no dripping                               |                     |                     |                     |                     | JB/T 7829-2006    |
| Electrical Properties       | Heat Shock (300 °C, 4 h)        |                     | /                                                                                                     | /                                                                  | No cracking         | /                   | /                   | /                   | JB/T 7829-2006    |
|                             | Dielectric Strength             |                     | kV/mm                                                                                                 | ≥14                                                                | ≥10                 | ≥10                 | ≥12                 | ≥10                 | GB/T 1408.1-2016  |
|                             | Volume Resistivity              |                     | Ω·cm                                                                                                  | ≥1×10 <sup>11</sup>                                                | ≥1×10 <sup>10</sup> | ≥1×10 <sup>10</sup> | ≥1×10 <sup>10</sup> | ≥1×10 <sup>10</sup> | GB/T 1410-2006    |
| Chemical Properties         | Flammability                    |                     | /                                                                                                     | V-1                                                                |                     |                     |                     |                     | GB/T 2408-2008    |
|                             | Copper Corrosion                |                     | /                                                                                                     | 150±5 °C, 168 h, Pass                                              |                     |                     |                     |                     | UL 224            |
|                             | Smoke Density                   |                     | /                                                                                                     | /                                                                  | /                   | /                   | /                   | ≤32                 | GB/T 8323.2-2008  |
|                             | Fungus Resistance               |                     | /                                                                                                     | ≤2                                                                 | ≤2                  | ≤2                  | ≤2                  | /                   | GJB 150.10A-2009  |
|                             | Damp Heat Resistance            |                     | 95% RH, temperature cycling between 60 °C and -30 °C, 5 cycles, 24 h per cycle, Pass                  |                                                                    |                     |                     |                     |                     | GJB 150.9A-2009   |
|                             | Salt Spray Resistance           |                     | 5% saline solution, continuous salt spray at 35 °C for 48 h; no corrosion or appearance deterioration |                                                                    |                     |                     |                     |                     | GJB 150.11A-2009  |
| Fluid Resistance Properties | Aviation Fuel F40 (23 °C, 24 h) | Tensile Strength    | MPa                                                                                                   | 10.5                                                               | 9                   | 11                  | 8                   | 6                   | GB/T 2951.21-2008 |
|                             |                                 | Elongation at Break | %                                                                                                     | 350                                                                | 230                 | 300                 | 200                 | 180                 | GB/T 2951.21-2008 |
|                             | Lubricating Oil (23 °C, 24 h)   | Tensile Strength    | MPa                                                                                                   | ≥12                                                                | ≥10                 | ≥12.5               | ≥9                  | ≥7                  | GB/T 2951.21-2008 |
|                             |                                 | Elongation at Break | %                                                                                                     | 380                                                                | 260                 | 330                 | 220                 | 200                 | GB/T 2951.21-2008 |

## MS-2A/I

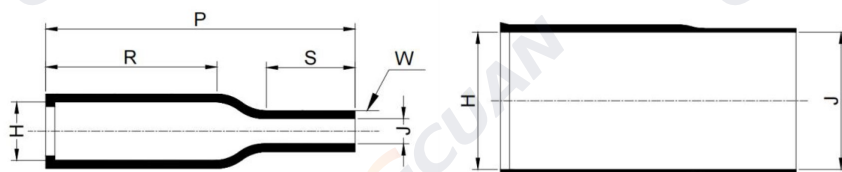


### Application:

This straight heat shrink boot is used for mechanical protection and stress relief of cables and connectors. It has no lip and can be directly heat shrunk onto the attachment.

| NO. | Model      | Minimum Expanded as Supplied(mm) |           |              |           | Maximum Recovered After Heating(mm) |      |       |       |
|-----|------------|----------------------------------|-----------|--------------|-----------|-------------------------------------|------|-------|-------|
|     |            | Hmin                             |           | Jmin         |           | Hmax                                | Jmax | W±20% | P±10% |
|     |            | -4, -25, -71                     | -12, -100 | -4, -25, -71 | -12, -100 |                                     |      |       |       |
| 1   | MS-2A/I-01 | 16.5                             | 16.5      | 16.5         | 11.9      | 7.9                                 | 3.8  | 1.27  | 25.4  |
| 2   | MS-2A/I-02 | 24.6                             | 22.6      | 24.6         | 17.8      | 9.9                                 | 5.3  | 1.52  | 38.1  |
| 3   | MS-2A/I-03 | 28.4                             | 26.2      | 28.4         | 20.3      | 14.2                                | 6.6  | 1.78  | 51.3  |
| 4   | MS-2A/I-04 | 31.0                             | 31.0      | 31.0         | 25.4      | 17.8                                | 7.4  | 1.78  | 66.8  |
| 5   | MS-2A/I-05 | 36.1                             | 36.1      | 36.1         | 26.2      | 21.9                                | 8.6  | 1.78  | 73.7  |
| 6   | MS-2A/I-06 | 42.7                             | 42.7      | 42.7         | 27.2      | 27.4                                | 9.4  | 2.03  | 99.1  |
| 7   | MS-2A/I-07 | 51.8                             | 48.3      | 51.8         | 48.3      | 31.5                                | 15.0 | 2.62  | 130.0 |
| 8   | MS-2A/I-08 | 66.0                             | 66.0      | 66.0         | 54.1      | 43.7                                | 19.6 | 2.82  | 161.3 |
| 9   | MS-2A/I-09 | 86.4                             | 86.4      | 86.4         | 71.4      | 57.2                                | 26.9 | 3.05  | 212.6 |

## MS-2D/I

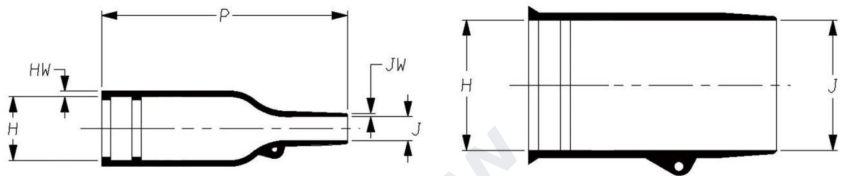


### Application:

This heat shrink boot with one lip is used with a circular connector to provide mechanical protection and stress relief. It can replace the outer jacket of the cable at the termination.

| NO. | Model      | Minimum Expanded as Supplied(mm) |              |           | Maximum Recovered After Heating(mm) |      |       |       |       |       |
|-----|------------|----------------------------------|--------------|-----------|-------------------------------------|------|-------|-------|-------|-------|
|     |            | Hmin                             | Jmin         |           | Hmax                                | Jmax | W±20% | R±10% | S±10% | P±10% |
|     |            |                                  | -4, -25, -71 | -12, -100 |                                     |      |       |       |       |       |
| 1   | MS-2D/I-01 | 24.0                             | 24.0         | 12.4      | 9.5                                 | 4.0  | 1.60  | 22.0  | 15.0  | 45.0  |
| 2   | MS-2D/I-02 | 30.0                             | 30.0         | 14.7      | 13.0                                | 6.0  | 1.80  | 28.0  | 18.0  | 55.0  |
| 3   | MS-2D/I-03 | 34.0                             | 34.0         | 16.0      | 17.0                                | 7.0  | 1.80  | 35.0  | 22.0  | 65.0  |
| 4   | MS-2D/I-04 | 40.0                             | 40.0         | 18.5      | 20.0                                | 8.4  | 1.80  | 40.0  | 23.0  | 75.0  |
| 5   | MS-2D/I-05 | 45.0                             | 45.0         | 22.0      | 26.0                                | 9.0  | 2.00  | 40.0  | 24.0  | 80.0  |
| 6   | MS-2D/I-06 | 60.0                             | 60.0         | 35.3      | 30.0                                | 14.0 | 2.60  | 32.0  | 25.0  | 76.0  |
| 7   | MS-2D/I-07 | 66.0                             | 66.0         | 45.7      | 42.2                                | 18.0 | 2.60  | 100.0 | 40.0  | 165.0 |
| 8   | MS-2D/I-08 | 80.0                             | 80.0         | 57.1      | 57.5                                | 25.0 | 2.60  | 100.0 | 50.0  | 170.0 |

MS-2K/I

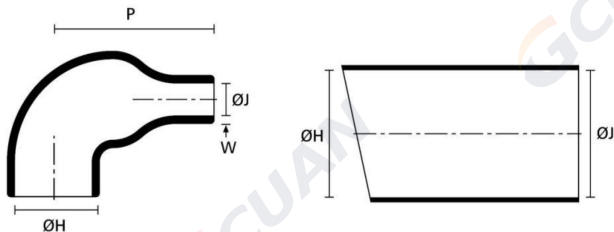


Application:

This heat shrink boot with two or three lips is used with a connector to provide mechanical protection and stress relief for cables and connectors. It can replace the outer jacket of the cable at the termination.

| NO. | Model      | Minimun Expanded as Supplied(mm) |              |      |      | Maximum Recovered After Heating(mm) |      |        |        |       |
|-----|------------|----------------------------------|--------------|------|------|-------------------------------------|------|--------|--------|-------|
|     |            | Hmin                             |              | Jmin |      | Hmax                                | Jmax | HW±20% | JW±20% | P±10% |
|     |            | -4, -12, -25, -71                | -4, -25, -71 | -12  | -100 |                                     |      |        |        |       |
| 1   | MS-2K/I-01 | 24.0                             | 24.0         | 13.0 | 14.0 | 10.4                                | 5.6  | 1.6    | 1.6    | 40.0  |
| 2   | MS-2K/I-02 | 30.0                             | 30.0         | 14.0 | 15.0 | 14.2                                | 5.9  | 1.8    | 1.8    | 55.0  |
| 3   | MS-2K/I-03 | 31.0                             | 31.0         | 16.0 | 18.0 | 18.0                                | 7.1  | 1.8    | 1.8    | 67.0  |
| 4   | MS-2K/I-04 | 36.0                             | 36.0         | 19.0 | 21.0 | 22.4                                | 8.4  | 2.0    | 2.0    | 77.0  |
| 5   | MS-2K/I-05 | 43.0                             | 43.0         | 22.0 | 25.0 | 28.2                                | 9.9  | 2.2    | 2.2    | 99.0  |
| 6   | MS-2K/I-06 | 60.0                             | 60.0         | 35.0 | 39.0 | 35.1                                | 15.7 | 3.3    | 3.3    | 130.0 |
| 7   | MS-2K/I-07 | 66.0                             | 66.0         | 38.0 | 42.0 | 44.5                                | 16.8 | 3.8    | 3.8    | 170.0 |

MS-2A/C

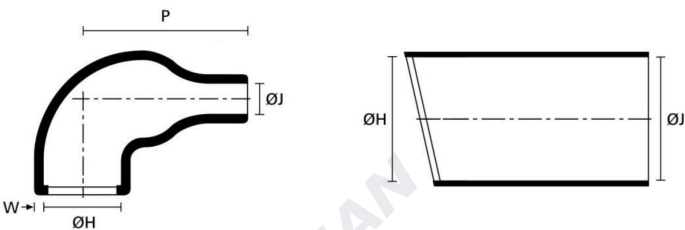


Application:

This right-angle heat shrink boot provides mechanical protection and stress relief. It has no lip and can be directly heat shrunk onto the attachment.

| NO. | Model      | Minimun Expanded as Supplied(mm) |              |      |      | Maximum Recovered After Heating(mm) |      |       |       |
|-----|------------|----------------------------------|--------------|------|------|-------------------------------------|------|-------|-------|
|     |            | Hmin                             | Jmin         |      |      | Hmax                                | Jmax | W±20% | P±10% |
|     |            |                                  | -4, -25, -71 | -100 | -12  |                                     |      |       |       |
| 1   | MS-2A/C-01 | 17.8                             | 17.8         | 10.9 | 9.9  | 7.9                                 | 3.8  | 1.50  | 20.3  |
| 2   | MS-2A/C-02 | 24.9                             | 24.9         | 16.0 | 18.0 | 10.2                                | 5.3  | 1.60  | 30.8  |
| 3   | MS-2A/C-03 | 30.0                             | 30.0         | 21.1 | 20.6 | 14.2                                | 6.4  | 1.60  | 33.5  |
| 4   | MS-2A/C-04 | 32.5                             | 32.5         | 22.9 | 22.9 | 17.3                                | 6.9  | 2.03  | 41.5  |
| 5   | MS-2A/C-05 | 36.1                             | 36.1         | 27.4 | 26.4 | 21.8                                | 8.4  | 2.03  | 46.2  |
| 6   | MS-2A/C-06 | 43.9                             | 43.9         | 28.4 | 27.4 | 27.4                                | 9.4  | 2.03  | 55.8  |
| 7   | MS-2A/C-07 | 53.1                             | 53.1         | 48.3 | 46.7 | 33.8                                | 15.0 | 2.60  | 66.5  |
| 8   | MS-2A/C-08 | 67.6                             | 67.6         | 58.4 | 54.4 | 44.2                                | 20.3 | 2.85  | 97.5  |
| 9   | MS-2A/C-09 | 87.6                             | 87.6         | 68.8 | 63.0 | 55.4                                | 23.4 | 3.05  | 128.0 |

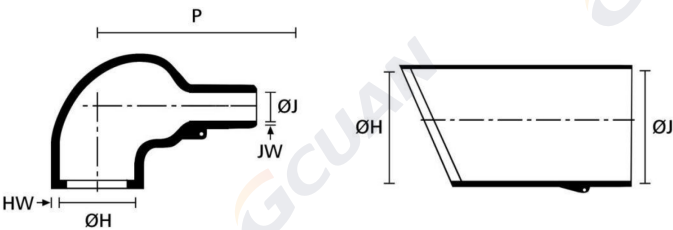
MS-2D/C



**Application:**  
This right-angle heat shrink boot with a lip provides mechanical protection and stress relief for circular connectors and is used with a receptacle.

| NO. | Model      | Minimun Expanded as Supplied(mm) |              |      |      | Maximum Recovered After Heating(mm) |      |       |       |
|-----|------------|----------------------------------|--------------|------|------|-------------------------------------|------|-------|-------|
|     |            | Hmin                             | Jmin         |      |      | Hmax                                | Jmax | W±20% | P±10% |
|     |            |                                  | -4, -25, -71 | -100 | -12  |                                     |      |       |       |
| 1   | MS-2D/C-01 | 24.0                             | 24.0         | 14.0 | 12.4 | 9.9                                 | 4.2  | 1.60  | 32.0  |
| 2   | MS-2D/C-02 | 30.0                             | 30.0         | 15.0 | 14.7 | 13.0                                | 6.0  | 1.60  | 34.0  |
| 3   | MS-2D/C-03 | 34.0                             | 34.0         | 18.0 | 16.0 | 16.8                                | 7.0  | 2.00  | 42.0  |
| 4   | MS-2D/C-04 | 40.0                             | 40.0         | 21.0 | 18.5 | 20.5                                | 8.4  | 2.00  | 47.0  |
| 5   | MS-2D/C-05 | 45.0                             | 45.0         | 25.0 | 22.1 | 26.0                                | 9.0  | 2.00  | 56.0  |
| 6   | MS-2D/C-06 | 60.0                             | 60.0         | 39.0 | 35.3 | 30.5                                | 14.5 | 2.60  | 68.0  |
| 7   | MS-2D/C-07 | 70.0                             | 70.0         | 48.0 | 45.7 | 41.5                                | 20.3 | 2.80  | 85.5  |
| 8   | MS-2D/C-08 | 81.8                             | 81.8         | 57.2 | 57.2 | 60.5                                | 25.4 | 3.00  | 117.9 |

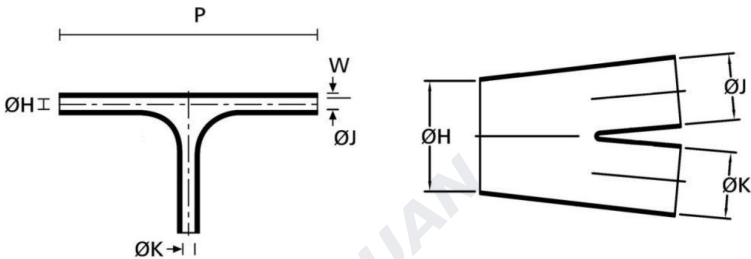
MS-2K/C



**Application:**  
This heat shrink boot is used for mechanical protection and stress relief of cables and connectors.

| NO. | Model      | Minimun Expanded as Supplied(mm) |      |         |      | Maximum Recovered After Heating(mm) |      |        |        |       |
|-----|------------|----------------------------------|------|---------|------|-------------------------------------|------|--------|--------|-------|
|     |            | Hmin                             |      | Jmin    |      | Hmax                                | Jmax | HW±20% | JW±20% | P±10% |
|     |            | -4, -25, -71                     | -100 | -4, -25 | -100 |                                     |      |        |        |       |
| 1   | MS-2K/C-01 | 24.0                             | 24.0 | 24.0    | 14.0 | 10.4                                | 5.6  | 1.30   | 1.30   | 25.0  |
| 2   | MS-2K/C-02 | 30.0                             | 30.0 | 30.0    | 15.0 | 14.2                                | 5.9  | 1.50   | 1.50   | 32.0  |
| 3   | MS-2K/C-03 | 31.0                             | 31.0 | 31.0    | 18.0 | 18.0                                | 7.1  | 1.80   | 1.80   | 39.0  |
| 4   | MS-2K/C-04 | 36.0                             | 36.0 | 36.0    | 21.0 | 22.4                                | 8.4  | 1.80   | 1.80   | 46.0  |
| 5   | MS-2K/C-05 | 43.0                             | 43.0 | 43.0    | 25.0 | 28.2                                | 9.9  | 2.00   | 2.00   | 55.0  |
| 6   | MS-2K/C-06 | 60.0                             | 52.0 | 52.0    | 39.0 | 35.1                                | 15.7 | 3.30   | 3.30   | 80.0  |
| 7   | MS-2K/C-07 | 66.0                             | 66.0 | 66.0    | 42.0 | 44.5                                | 16.8 | 3.80   | 3.80   | 108.0 |

MS-3A/T

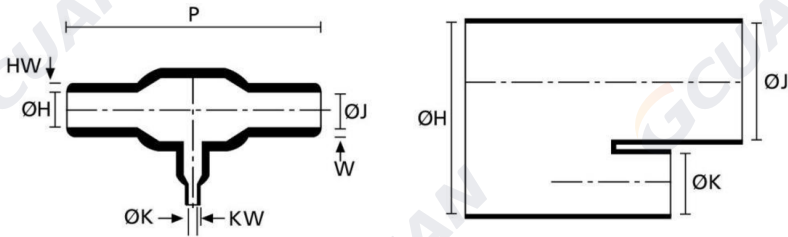


Application:

This T-shaped branch heat shrink boot for thin wires provides mechanical protection and stress relief for cable branches.

| NO. | Model      | Minimun Expanded as Supplied(mm) |      |      | Maximum Recovered After Heating(mm) |      |      |       |       |
|-----|------------|----------------------------------|------|------|-------------------------------------|------|------|-------|-------|
|     |            | Hmin                             | Jmin | Kmin | Hmax                                | Jmax | Kmax | W±20% | P±10% |
| 1   | MS-3A/T-01 | 19.8                             | 13.2 | 13.2 | 6.6                                 | 6.6  | 6.6  | 1.02  | 80.8  |
| 2   | MS-3A/T-02 | 34.3                             | 22.9 | 22.9 | 11.4                                | 11.4 | 11.4 | 1.27  | 120.4 |
| 3   | MS-3A/T-03 | 60.2                             | 40.1 | 40.1 | 20.1                                | 20.1 | 20.1 | 1.52  | 175.8 |
| 4   | MS-3A/T-04 | 83.3                             | 54.9 | 54.9 | 33.3                                | 33.3 | 33.3 | 1.78  | 242.3 |

MS-3B/T1

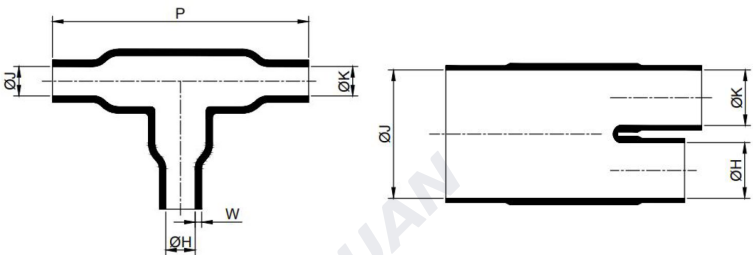


Application:

This T-shaped branch heat shrink boot provides mechanical protection and stress relief for cable branches.

| NO. | Model       | Minimun Expanded as Supplied (mm) |      |      | Maximum Recovered After Heating(mm) |      |      |          |        |       |
|-----|-------------|-----------------------------------|------|------|-------------------------------------|------|------|----------|--------|-------|
|     |             | Hmin                              | Jmin | Kmin | Hmax                                | Jmax | Kmax | HW&W±20% | KW±20% | P±10% |
| 1   | MS-3B/T1-01 | 13.2                              | 13.2 | 6.6  | 5.8                                 | 5.8  | 3.0  | 1.52     | 1.02   | 52.3  |
| 2   | MS-3B/T1-02 | 26.9                              | 26.9 | 6.6  | 12.4                                | 12.4 | 3.0  | 2.54     | 1.02   | 83.3  |
| 3   | MS-3B/T1-03 | 26.9                              | 26.9 | 13.2 | 12.7                                | 12.7 | 5.8  | 2.54     | 1.52   | 107.7 |
| 4   | MS-3B/T1-04 | 55.6                              | 55.6 | 13.2 | 25.4                                | 25.4 | 5.8  | 4.57     | 1.52   | 180.6 |
| 5   | MS-3B/T1-05 | 55.6                              | 55.6 | 26.9 | 25.4                                | 25.4 | 12.4 | 4.57     | 2.54   | 222.3 |

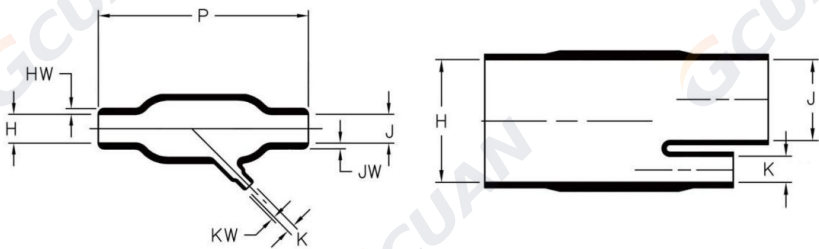
MS-3B/T2



**Application:**  
This T-shaped branch heat shrink boot provides mechanical protection and stress relief for cable branches.

| NO. | Model       | Minimun Expanded as Supplied(mm) |       |      | Maximum Recovered After Heating(mm) |      |      |       |       |
|-----|-------------|----------------------------------|-------|------|-------------------------------------|------|------|-------|-------|
|     |             | Hmin                             | Jmin  | Kmin | Hmax                                | Jmax | Kmax | W±20% | P±10% |
| 1   | MS-3B/T2-01 | 6.6                              | 13.2  | 6.6  | 3.6                                 | 3.6  | 3.6  | 1.02  | 29.7  |
| 2   | MS-3B/T2-02 | 13.2                             | 26.4  | 13.2 | 6.9                                 | 6.9  | 6.9  | 1.52  | 58.7  |
| 3   | MS-3B/T2-03 | 20.0                             | 40.0  | 20.0 | 10.2                                | 10.2 | 10.2 | 2.00  | 90.0  |
| 4   | MS-3B/T2-04 | 26.9                             | 53.8  | 26.9 | 13.5                                | 13.5 | 13.5 | 2.29  | 120.1 |
| 5   | MS-3B/T2-05 | 55.6                             | 111.2 | 55.6 | 30.2                                | 30.2 | 30.2 | 3.05  | 246.4 |

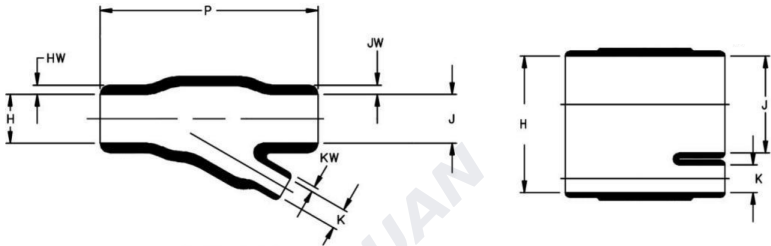
MS-3B/V1



**Application:**  
This branch heat shrink boot provides mechanical protection and stress relief for harness branches.

| NO. | Model       | Minimun Expanded as Supplied(mm) |      |      | Maximum Recovered After Heating(mm) |      |      |           |        |       |
|-----|-------------|----------------------------------|------|------|-------------------------------------|------|------|-----------|--------|-------|
|     |             | Hmin                             | Jmin | Kmin | Hmax                                | Jmax | Kmax | HW&JW±20% | KW±20% | P±10% |
| 1   | MS-3B/V1-01 | 13.2                             | 13.2 | 6.6  | 6.9                                 | 6.9  | 3.6  | 1.52      | 1.02   | 49.3  |
| 2   | MS-3B/V1-02 | 26.9                             | 26.9 | 6.6  | 12.7                                | 12.7 | 3.6  | 2.54      | 1.02   | 92.5  |
| 3   | MS-3B/V1-03 | 26.9                             | 26.9 | 13.2 | 13.7                                | 13.7 | 6.1  | 2.54      | 1.52   | 144.8 |
| 4   | MS-3B/V1-04 | 55.6                             | 55.6 | 13.2 | 26.9                                | 26.9 | 6.9  | 4.57      | 1.52   | 184.9 |
| 5   | MS-3B/V1-05 | 55.6                             | 55.6 | 26.9 | 26.9                                | 26.9 | 13.7 | 4.57      | 2.54   | 203.5 |

MS-3B/V2

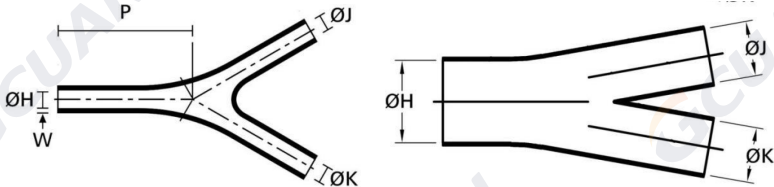


Application:

This 30-degree Y-shaped branch heal shrink boot provides mechanical protection and stress relief for cable branches.

| NO. | Model       | Minimun Expanded as Supplied(mm) |      |      | Maximum Recovered After Heating(mm) |      |      |           |        |       |
|-----|-------------|----------------------------------|------|------|-------------------------------------|------|------|-----------|--------|-------|
|     |             | Hmin                             | Jmin | Kmin | Hmax                                | Jmax | Kmax | HW&JW±20% | KW±20% | P±10% |
| 1   | MS-3B/V2-01 | 30.5                             | 30.5 | 20.3 | 15.7                                | 15.7 | 10.7 | 2.54      | 1.78   | 82.6  |
| 2   | MS-3B/V2-02 | 35.6                             | 35.6 | 15.2 | 18.3                                | 18.3 | 8.6  | 2.54      | 1.52   | 63.5  |
| 3   | MS-3B/V2-03 | 35.6                             | 35.6 | 10.2 | 18.8                                | 18.3 | 5.3  | 2.79      | 1.52   | 61.0  |

MS-3A/Y

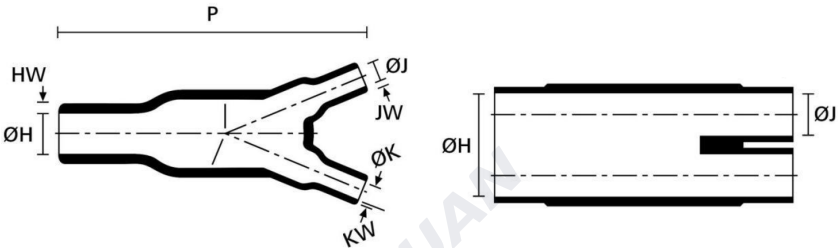


Application:

This Y-shaped branch heat shrink boot for thin wires provides mechanical protection and stress relief for cable branches.

| NO. | Model      | Minimun Expanded as Supplied(mm) |      |      | Maximum Recovered After Heating(mm) |      |      |       |       |
|-----|------------|----------------------------------|------|------|-------------------------------------|------|------|-------|-------|
|     |            | Hmin                             | Jmin | Kmin | Hmax                                | Jmax | Kmax | W±20% | P±10% |
| 1   | MS-3A/Y-01 | 19.8                             | 13.2 | 13.2 | 6.6                                 | 6.6  | 6.6  | 1.0   | 40.6  |
| 2   | MS-3A/Y-02 | 34.3                             | 22.9 | 22.9 | 11.4                                | 11.4 | 11.4 | 1.3   | 63.0  |
| 3   | MS-3A/Y-03 | 60.2                             | 40.1 | 40.1 | 20.1                                | 20.1 | 20.1 | 1.5   | 94.7  |
| 4   | MS-3A/Y-04 | 83.3                             | 54.9 | 54.9 | 33.3                                | 33.3 | 33.3 | 1.8   | 133.9 |

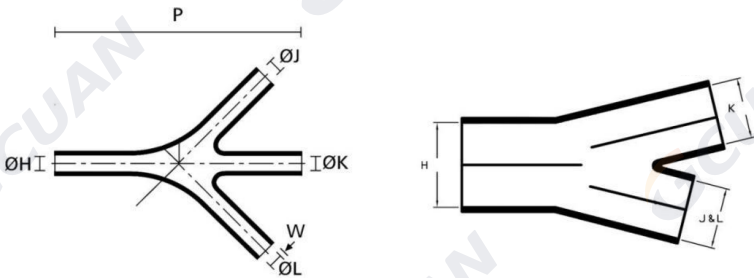
MS-3B/Y



**Application:**  
This Y-shaped branch heat shrink boot provides mechanical protection and stress relief for cable branches.

| NO. | Model      | Minimun Expanded as Supplied(mm) |      |      | Maximum Recovered After Heating(mm) |      |      |        |           |       |
|-----|------------|----------------------------------|------|------|-------------------------------------|------|------|--------|-----------|-------|
|     |            | Hmin                             | Jmin | Kmin | Hmax                                | Jmax | Kmax | HW±20% | JW&KW±20% | P±10% |
| 1   | MS-3B/Y-01 | 13.2                             | 6.6  | 6.6  | 5.5                                 | 3.3  | 3.3  | 1.52   | 1.02      | 45.2  |
| 2   | MS-3B/Y-02 | 26.9                             | 13.2 | 13.2 | 12.4                                | 6.1  | 6.1  | 2.54   | 1.52      | 85.1  |
| 3   | MS-3B/Y-03 | 38.6                             | 26.9 | 26.9 | 18.0                                | 12.4 | 12.4 | 3.05   | 2.54      | 135.2 |
| 4   | MS-3B/Y-04 | 55.6                             | 31.0 | 31.0 | 25.9                                | 12.7 | 12.7 | 4.57   | 2.54      | 158.3 |

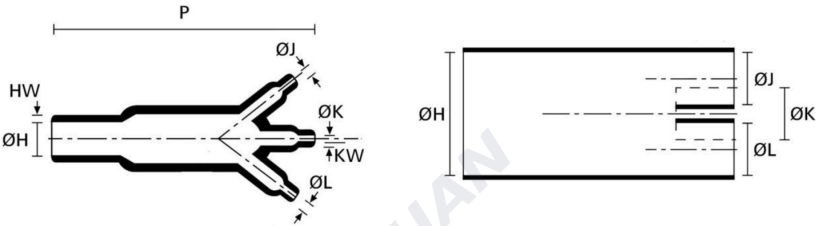
MS-4A/E



**Application:**  
This heat shrink boot provides mechanical protection and stress relief for thin wire branches.

| NO. | Model      | Minimun Expanded as Supplied(mm) |           | Maximum Recovered After Heating(mm) |           |       |       |
|-----|------------|----------------------------------|-----------|-------------------------------------|-----------|-------|-------|
|     |            | Hmin                             | J, K&Lmin | Hmax                                | J, K&Lmax | W±20% | P±10% |
| 1   | MS-4A/E-01 | 19.8                             | 13.2      | 6.6                                 | 6.6       | 1.0   | 85.9  |
| 2   | MS-4A/E-02 | 34.3                             | 20.6      | 11.4                                | 11.4      | 1.3   | 135.6 |
| 3   | MS-4A/E-03 | 60.2                             | 36.1      | 20.1                                | 20.1      | 1.5   | 207.3 |
| 4   | MS-4A/E-04 | 99.8                             | 54.9      | 33.3                                | 33.3      | 1.8   | 294.6 |

MS-4B/E

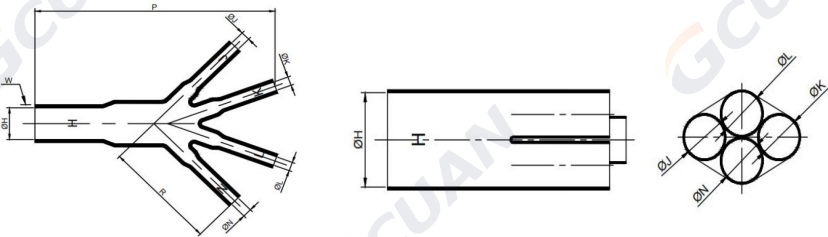


Application:

This three-way branch heat shrink boot provides mechanical protection and stress relief for cable branches.

| NO. | Model      | Minimun Expanded as Supplied(mm) |           | Maximum Recovered After Heating(mm) |           |        |               |       |
|-----|------------|----------------------------------|-----------|-------------------------------------|-----------|--------|---------------|-------|
|     |            | Hmin                             | J, K&Lmin | Hmax                                | J, K&Lmax | HW±20% | JW, KW&LW±20% | P±10% |
| 1   | MS-4B/E-01 | 13.2                             | 6.6       | 6.6                                 | 3.6       | 1.52   | 1.02          | 46.2  |
| 2   | MS-4B/E-02 | 26.9                             | 13.2      | 13.2                                | 6.9       | 2.54   | 1.52          | 93.2  |
| 3   | MS-4B/E-03 | 38.6                             | 19.3      | 18.8                                | 9.7       | 3.05   | 1.78          | 135.1 |
| 4   | MS-4B/E-04 | 55.6                             | 26.9      | 25.4                                | 12.4      | 4.57   | 3.05          | 192.0 |
| 5   | MS-4B/E-05 | 91.4                             | 45.7      | 54.6                                | 27.4      | 7.11   | 4.57          | 390.4 |

MS-5A/W

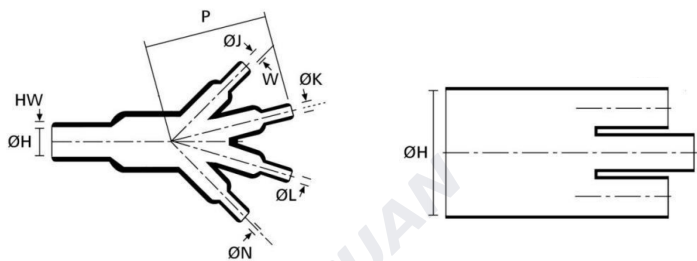


Application:

This heat shrink boot provides mechanical protection and stress relief for thin wire branches.

| NO. | Model      | Minimun Expanded as Supplied(mm) |              | Maximum Recovered After Heating(mm) |              |       |       |       |
|-----|------------|----------------------------------|--------------|-------------------------------------|--------------|-------|-------|-------|
|     |            | Hmin                             | J, K, L&Nmin | Hmax                                | J, K, L&Nmax | W±20% | R±10% | P±10% |
| 1   | MS-5A/W-01 | 17.5                             | 7.8          | 6.5                                 | 3.0          | 1.02  | 40.0  | 88.0  |
| 2   | MS-5A/W-02 | 27.0                             | 12.0         | 16.0                                | 4.5          | 1.35  | 50.0  | 105.0 |
| 3   | MS-5A/W-03 | 41.0                             | 18.0         | 18.0                                | 6.5          | 1.55  | 65.0  | 130.0 |
| 4   | MS-5A/W-04 | 45.0                             | 20.0         | 23.0                                | 7.5          | 1.75  | 75.0  | 160.0 |

MS-5B/W



**Application:**  
This heat shrink boot provides mechanical protection and stress relief for thin wire branches.

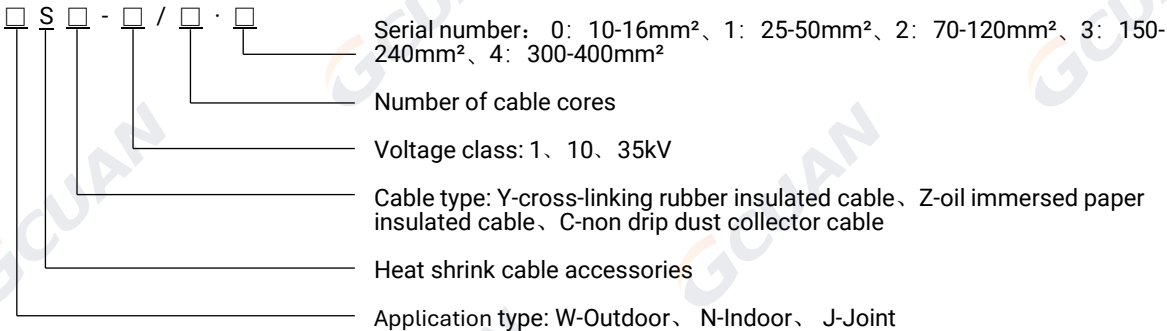
| NO. | Model      | Minimun Expanded as Supplied(mm) |              | Maximum Recovered After Heating(mm) |              |        |       |       |
|-----|------------|----------------------------------|--------------|-------------------------------------|--------------|--------|-------|-------|
|     |            | Hmin                             | J, K, L&Nmin | Hmax                                | J, K, L&Nmax | HW±20% | W±20% | P±10% |
| 1   | MS-5B/W-01 | 13.2                             | 6.6          | 6.9                                 | 3.4          | 1.52   | 1.02  | 24.1  |
| 2   | MS-5B/W-02 | 19.3                             | 9.4          | 9.7                                 | 5.3          | 1.78   | 1.02  | 35.6  |
| 3   | MS-5B/W-03 | 19.3                             | 13.2         | 9.7                                 | 6.9          | 1.78   | 1.52  | 49.3  |
| 4   | MS-5B/W-04 | 26.9                             | 13.2         | 13.0                                | 6.9          | 2.54   | 1.52  | 49.3  |
| 5   | MS-5B/W-05 | 38.6                             | 19.3         | 18.5                                | 9.7          | 3.05   | 1.78  | 71.9  |
| 6   | MS-5B/W-06 | 55.6                             | 26.9         | 26.7                                | 13.0         | 4.57   | 2.54  | 101.6 |

# Heat Shrink Cable Accessories

### Product introduction:

1KV, 10KV, 35KVseries heat-shrinkable cable terminals and joints have the function of water-proof, the stress control, shield and insulation. With the excellent electrical and mechanical functions, they can be used in all kinds of foul conditions for a long time. With the light weight and easy mounting, they are widely used in power supply, and petrochemicals, metallurgy, railway station, seaport and constructions.

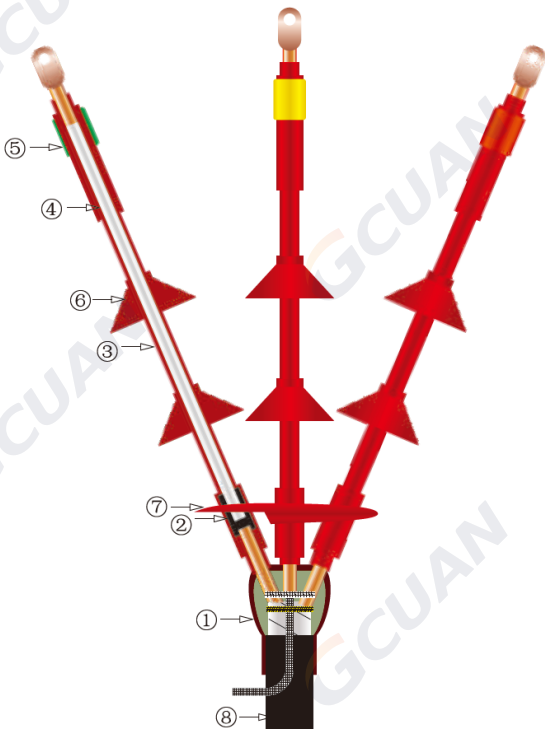
### Model description



### Example:

1. WSY-10/3.2 represents outdoor heat shrink termination for 10kV cross-linked cables, suitable for three core cables with a cross-sectional area of 70-120mm<sup>2</sup>;
2. JSZ-10/3.1 represents a 10kV oil immersed paper insulated cable heat shrinkable intermediate joint, suitable for three core cables with a cross-sectional area of 25-50mm<sup>2</sup>.

### Sectional View of 10kV Three-core heat shrinkable Terminal



1. Heat shrink sleeve
2. Stress Control Tube
3. Insulation Tube
4. Seal Tube
5. Mark Tube
6. 1-Hole Creepage Extender
7. 3-Hole Creepage Extender
8. Power Cable

# 1kV Heat Shrink Cable Accessories

**Application:**  
1KV heat shrink cable accessories are widely used for insulation treatment of 0.6/1KV cross-linked cable terminals and intermediate connections. They are divided into single core, two core, three core, four core, five core, etc. according to the number of cable cores and meet different cable cross-sections. It has the characteristics of small size, light weight, reliable operation, and easy installation.

Specification of 1kV Heat shrink cable termination

| Product name                      |            | Product image | Type     | Cable cross section area (mm²) |
|-----------------------------------|------------|---------------|----------|--------------------------------|
| 1kV Heat shrink cable termination | Two-core   |               | SY-1/2.0 | 10-16                          |
|                                   |            |               | SY-1/2.1 | 25-50                          |
|                                   |            |               | SY-1/2.2 | 70-120                         |
|                                   |            |               | SY-1/2.3 | 150-240                        |
|                                   |            |               | SY-1/2.4 | 300-400                        |
|                                   | Three-core |               | SY-1/3.0 | 10-16                          |
|                                   |            |               | SY-1/3.1 | 25-50                          |
|                                   |            |               | SY-1/3.2 | 70-120                         |
|                                   |            |               | SY-1/3.3 | 150-240                        |
|                                   |            |               | SY-1/3.4 | 300-400                        |
|                                   | Four-core  |               | SY-1/4.0 | 10-16                          |
|                                   |            |               | SY-1/4.1 | 25-50                          |
|                                   |            |               | SY-1/4.1 | 70-120                         |
|                                   |            |               | SY-1/4.2 | 150-240                        |
|                                   |            |               | SY-1/4.2 | 300-400                        |
|                                   | Five-core  |               | SY-1/5.0 | 10-16                          |
|                                   |            |               | SY-1/5.1 | 25-50                          |
|                                   |            |               | SY-1/5.2 | 70-120                         |
|                                   |            |               | SY-1/5.3 | 150-240                        |
|                                   |            |               | SY-1/5.4 | 300-400                        |

# 1kV Heat Shrink Cable Accessories

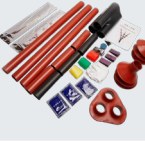
Specification of 1kV Heat shrink cable joint

| Product name                | Product image                                                                       | Type      | Cable cross section area (mm²) |
|-----------------------------|-------------------------------------------------------------------------------------|-----------|--------------------------------|
| 1kV heat shrink cable joint |    | JSY-1/2.0 | 10-16                          |
|                             |                                                                                     | JSY-1/2.1 | 25-50                          |
|                             |                                                                                     | JSY-1/2.2 | 70-120                         |
|                             |                                                                                     | JSY-1/2.3 | 150-240                        |
|                             |                                                                                     | JSY-1/2.4 | 300-400                        |
|                             |    | JSY-1/3.0 | 10-16                          |
|                             |                                                                                     | JSY-1/3.1 | 25-50                          |
|                             |                                                                                     | JSY-1/3.2 | 70-120                         |
|                             |                                                                                     | JSY-1/3.3 | 150-240                        |
|                             |                                                                                     | JSY-1/3.4 | 300-400                        |
|                             |  | JSY-1/4.0 | 10-16                          |
|                             |                                                                                     | JSY-1/4.1 | 25-50                          |
|                             |                                                                                     | JSY-1/4.2 | 70-120                         |
|                             |                                                                                     | JSY-1/4.3 | 150-240                        |
|                             |                                                                                     | JSY-1/4.4 | 300-400                        |
|                             |  | JSY-1/5.0 | 10-16                          |
|                             |                                                                                     | JSY-1/5.1 | 25-50                          |
|                             |                                                                                     | JSY-1/5.2 | 70-120                         |
|                             |                                                                                     | JSY-1/5.3 | 150-240                        |
|                             |                                                                                     | JSY-1/5.4 | 300-400                        |

# 10kV Heat Shrink Cable Accessories

**Application:**  
Heat shrinkable medium voltage products are widely used for insulation treatment of 8.7-15KV cross-linked cable terminals and intermediate connections. It has the characteristics of small size, light weight, reliable operation, and easy installation. According to user needs, multi-core cables, dual ground wire structures, or products with special requirements can be designed.

Specification of 10kV Heat Shrink Cable Accessories

| Product name                               |             | Product image                                                                       | Type       | Cable cross section area (mm²) |
|--------------------------------------------|-------------|-------------------------------------------------------------------------------------|------------|--------------------------------|
| 10kV Heat shrink outdoor cable termination | Single-core |    | WSY-10/1.1 | 25-50                          |
|                                            |             |                                                                                     | WSY-10/1.2 | 70-120                         |
|                                            |             |                                                                                     | WSY-10/1.3 | 150-240                        |
|                                            |             |                                                                                     | WSY-10/1.4 | 300-400                        |
|                                            | Three-core  |   | WSY-10/3.1 | 25-50                          |
|                                            |             |                                                                                     | WSY-10/3.2 | 70-120                         |
|                                            |             |                                                                                     | WSY-10/3.3 | 150-240                        |
|                                            |             |                                                                                     | WSY-10/3.4 | 300-400                        |
| 10kV Heat shrink indoor cable termination  | Single-core |  | NSY-10/1.1 | 25-50                          |
|                                            |             |                                                                                     | NSY-10/1.2 | 70-120                         |
|                                            |             |                                                                                     | NSY-10/1.3 | 150-240                        |
|                                            |             |                                                                                     | NSY-10/1.4 | 300-400                        |
|                                            | Three-core  |  | NSY-10/3.1 | 25-50                          |
|                                            |             |                                                                                     | NSY-10/3.2 | 70-120                         |
|                                            |             |                                                                                     | NSY-10/3.3 | 150-240                        |
|                                            |             |                                                                                     | NSY-10/3.4 | 300-400                        |
| 10kV Heat shrink cable joint               | Single-core |  | JSY-10/1.1 | 25-50                          |
|                                            |             |                                                                                     | JSY-10/1.2 | 70-120                         |
|                                            |             |                                                                                     | JSY-10/1.3 | 150-240                        |
|                                            |             |                                                                                     | JSY-10/1.4 | 300-400                        |
|                                            | Three-core  |  | JSY-10/3.1 | 25-50                          |
|                                            |             |                                                                                     | JSY-10/3.2 | 70-120                         |
|                                            |             |                                                                                     | JSY-10/3.3 | 150-240                        |
|                                            |             |                                                                                     | JSY-10/3.4 | 300-400                        |

# 35kV Heat Shrink Cable Accessories

**Application:**  
Heat shrinkable medium and high voltage products are widely used for insulation treatment of 24~35KV cross-linked cable terminals and intermediate connections. This series of products is suitable for cables of different forms and grades ranging from 24 to 35KV. It has the characteristics of small size, light weight, reliable operation, and easy installation. According to user needs, multi-core cables, dual ground wire structures, or products with special requirements can be designed.

Specification of 35kV Heat shrink cable termination

| Product name                               |             | Product image                                                                       | Type       | Cable cross section area (mm²) |
|--------------------------------------------|-------------|-------------------------------------------------------------------------------------|------------|--------------------------------|
| 35kV Heat shrink outdoor cable termination | Single-core |    | WSY-35/1.1 | 50-120                         |
|                                            |             |                                                                                     | WSY-35/1.2 | 150-240                        |
|                                            |             |                                                                                     | WSY-35/1.3 | 300-400                        |
|                                            | Three-core  |   | WSY-35/3.1 | 50-120                         |
|                                            |             |                                                                                     | WSY-35/3.2 | 150-240                        |
|                                            |             |                                                                                     | WSY-35/3.3 | 300-400                        |
| 35kV Heat shrink indoor cable termination  | Single-core |  | NSY-35/1.1 | 50-120                         |
|                                            |             |                                                                                     | NSY-35/1.2 | 150-240                        |
|                                            |             |                                                                                     | NSY-35/1.3 | 300-400                        |
|                                            | Three-core  |  | NSY-35/3.1 | 50-120                         |
|                                            |             |                                                                                     | NSY-35/3.2 | 150-240                        |
|                                            |             |                                                                                     | NSY-35/3.3 | 300-400                        |
| 35kV Heat shrink cable joint               | Single-core |  | JSY-35/1.1 | 50-120                         |
|                                            |             |                                                                                     | JSY-35/1.2 | 150-240                        |
|                                            |             |                                                                                     | JSY-35/1.3 | 300-400                        |
|                                            | Three-core  |  | JSY-35/3.1 | 50-120                         |
|                                            |             |                                                                                     | JSY-35/3.2 | 150-240                        |
|                                            |             |                                                                                     | JSY-35/3.3 | 300-400                        |

# Heat Shrink Breakout Boot

**Application:**  
Heat Shrink Breakout Boot, made from cross-linked polyolefin, the heat shrink breakout boot provides excellent insulation, sealing, and protection for multi-core cable branches. It is designed to ensure reliable separation and sealing of cable cores, preventing moisture or oil ingress.

- Features:**
- Shrink Ratio: 3 : 1
  - Shrink temperature: 90°C to 130°C
  - Operating temperature: -55°C to +110°C

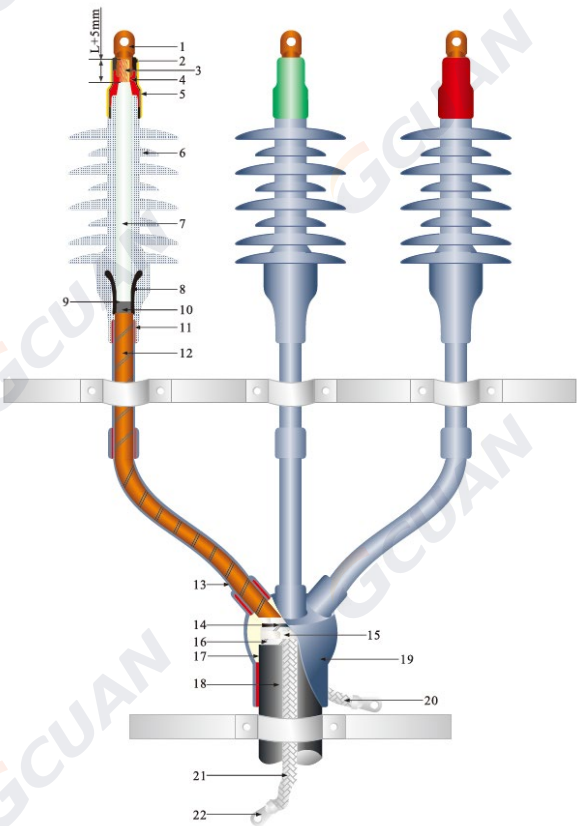
Specification of Heat Shrink Breakout Boot

| Product name                         | Product image                                                                       | Type           | Internal Diameter (mm) before/after shrinking |        | Full Length As Supplied (mm) |
|--------------------------------------|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------|--------|------------------------------|
|                                      |                                                                                     |                | Root                                          | Branch |                              |
| Two-core Heat Shrink Breakout Boot   |    | ZT-2.0         | 25/14                                         | 12/4   | 110                          |
|                                      |                                                                                     | ZT-2.1         | 32/19                                         | 16/5   | 147                          |
|                                      |                                                                                     | ZT-2.2         | 47/22                                         | 26/8   | 147                          |
|                                      |                                                                                     | ZT-2.3         | 70/28                                         | 40/9   | 167                          |
|                                      |                                                                                     | ZT-2.4         | 80/30                                         | 50/10  | 160                          |
| Three-core Heat Shrink Breakout Boot |  | ZT-3.-2 (LV)   | 40/18                                         | 16/4   | 147                          |
|                                      |                                                                                     | ZT-3.-1 (LV)   | 43/18                                         | 16/4   | 147                          |
|                                      |                                                                                     | ZT-3.0 (LV)    | 55/25                                         | 25/8   | 156                          |
|                                      |                                                                                     | ZT-3.1 (LV/MV) | 75/31                                         | 33/9   | 179                          |
|                                      |                                                                                     | ZT-3.2 (LV/MV) | 85/45                                         | 39/13  | 184                          |
|                                      |                                                                                     | ZT-3.3 (MV)    | 104/50                                        | 50/15  | 189                          |
|                                      |                                                                                     | ZT-3.4 (MV)    | 118/69                                        | 58/24  | 195                          |
| Four-core Heat Shrink Breakout Boot  |  | ZT-4.0         | 36/19                                         | 13/4   | 135                          |
|                                      |                                                                                     | ZT-4.1         | 49/20                                         | 16/4   | 140                          |
|                                      |                                                                                     | ZT-4.2         | 69/30                                         | 26/6   | 158                          |
|                                      |                                                                                     | ZT-4.3         | 80/36                                         | 33/8   | 174                          |
|                                      |                                                                                     | ZT-4.4         | 94/39                                         | 36/11  | 195                          |
| Five-core Heat Shrink Breakout Boot  |  | ZT-5.0         | 39/21                                         | 13/4   | 131                          |
|                                      |                                                                                     | ZT-5.1         | 54/28                                         | 16/5   | 130                          |
|                                      |                                                                                     | ZT-5.2         | 73/35                                         | 26/7   | 160                          |
|                                      |                                                                                     | ZT-5.3         | 93/46                                         | 33/10  | 170                          |
|                                      |                                                                                     | ZT-5.4         | 110/50                                        | 39/13  | 200                          |

# Cold Shrink Cable Accessories

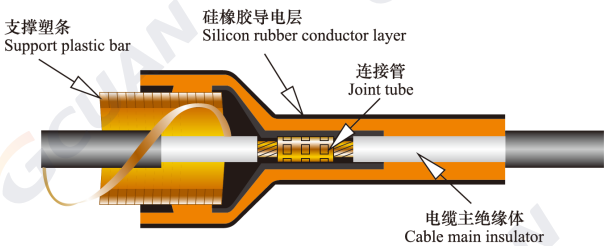
## Product introduction:

Cold shrink cable accessories have good hydrophobicity, superior resistance to pollution, aging, cold and heat, and are particularly suitable for high-altitude areas, cold areas, humid areas, salt spray areas, and heavily polluted areas. And no open flame is required during installation, especially suitable for flammable and explosive places such as petroleum, chemical, mining, etc.



35KV Three-core cold-shrinkable indoor/outdoor terminal assembly diagram

- 1.Connection terminal
  - 2.J-20 self-adhesive tape
  3. Wire core
  4. Seal gum
  - 5.Chromatography sealed tube
  6. Main insulating layer
  7. Terminal body
  8. Stress cone
  - 9.Semi-conductive tape
  - 10.Semiconductor shielded layer
  - 11.Seal gum
  - 12.Copper shielded tape
  - 13.Cold-shrinkable insulating tube
  - 14.Lining
  - 15.Constant force spring
  16. Steel armor
  - 17.Filling adhesive
  - 18.Cable outer sheath
  - 19.Cold-shrinkable three-branch sheath
  - 20.Shielded earthing wire
  - 21.Armored earthing wire
  - 22.Earthing terminal
- L: Hole depth of connection terminal



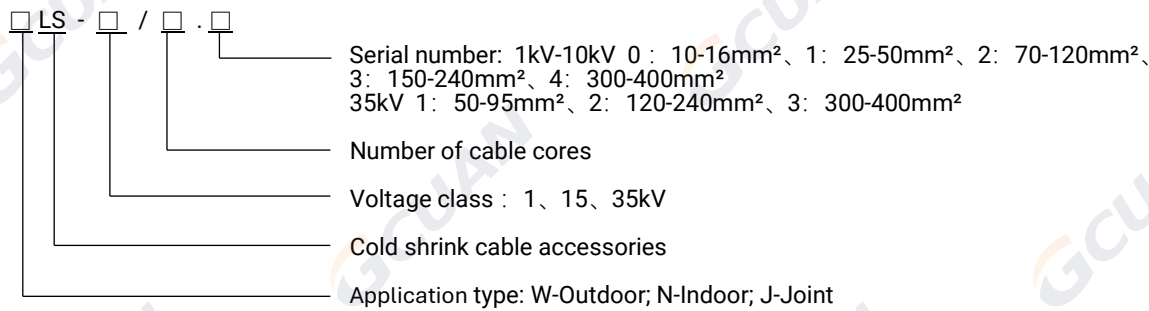
Cutaway view of cold shrinkable type middle joint tube



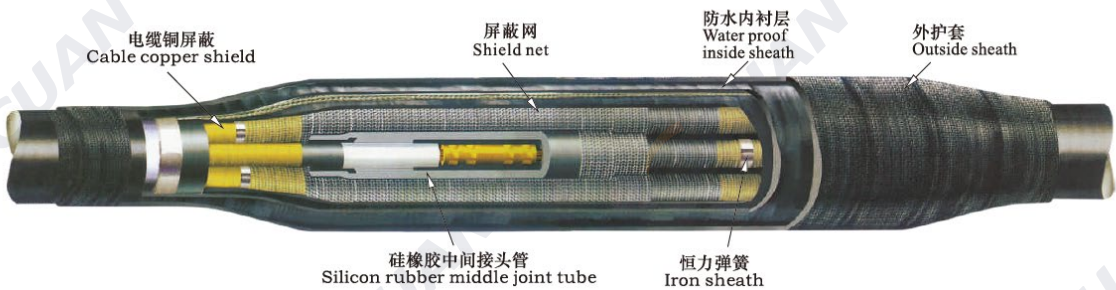
Main body of the cold-shrinkable terminals

# Cold Shrink Cable Accessories

## Model description



8.7/15kV silicone rubber fully cold shrink outdoor terminal



Middle joint cutaway view

# 1kV Cold Shrink Cable Accessories

**Application:**  
Suitable for 0.6 / 1 kV PVC, cross-linked polyethylene, rubber insulation single core, two core, three core, four core, five core power cables.

## Specification of 1kV Cold shrink cable termination

| Product name                      |             | Product image                                                                       | Type     | Cable cross section area (mm <sup>2</sup> ) |
|-----------------------------------|-------------|-------------------------------------------------------------------------------------|----------|---------------------------------------------|
| 1kV Cold shrink cable termination | Single-core |    | LS-1/1.0 | 10--16                                      |
|                                   |             |                                                                                     | LS-1/1.1 | 25--50                                      |
|                                   |             |                                                                                     | LS-1/1.2 | 70--120                                     |
|                                   |             |                                                                                     | LS-1/1.3 | 150--240                                    |
|                                   |             |                                                                                     | LS-1/1.4 | 300--400                                    |
|                                   | Two-core    |   | LS-1/2.0 | 10--16                                      |
|                                   |             |                                                                                     | LS-1/2.1 | 25--50                                      |
|                                   |             |                                                                                     | LS-1/2.2 | 70--120                                     |
|                                   |             |                                                                                     | LS-1/2.3 | 150--240                                    |
|                                   |             |                                                                                     | LS-1/2.4 | 300--400                                    |
|                                   | Three-core  |  | LS-1/3.0 | 10--16                                      |
|                                   |             |                                                                                     | LS-1/3.1 | 25--50                                      |
|                                   |             |                                                                                     | LS-1/3.2 | 70--120                                     |
|                                   |             |                                                                                     | LS-1/3.3 | 150--240                                    |
|                                   |             |                                                                                     | LS-1/3.4 | 300--400                                    |
|                                   | Four-core   |  | LS-1/4.0 | 10--16                                      |
|                                   |             |                                                                                     | LS-1/4.1 | 25--50                                      |
|                                   |             |                                                                                     | LS-1/4.2 | 70--120                                     |
|                                   |             |                                                                                     | LS-1/4.3 | 150--240                                    |
|                                   |             |                                                                                     | LS-1/4.4 | 300--400                                    |
|                                   | Five-core   |  | LS-1/5.0 | 10--16                                      |
|                                   |             |                                                                                     | LS-1/5.1 | 25--50                                      |
|                                   |             |                                                                                     | LS-1/5.2 | 70--120                                     |
|                                   |             |                                                                                     | LS-1/5.3 | 150--240                                    |
|                                   |             |                                                                                     | LS-1/5.4 | 300--400                                    |

# 1kV Cold Shrink Cable Accessories

Specification of 1kV Cold shrink cable joint

| Product name                | Product image                                                                       | Type      | Cable cross section area (mm²) |
|-----------------------------|-------------------------------------------------------------------------------------|-----------|--------------------------------|
| 1kV Cold shrink cable joint |    | JLS-1/1.0 | 10--16                         |
|                             |                                                                                     | JLS-1/1.1 | 25--50                         |
|                             |                                                                                     | JLS-1/1.2 | 70--120                        |
|                             |                                                                                     | JLS-1/1.3 | 150--240                       |
|                             |                                                                                     | JLS-1/1.4 | 300--400                       |
|                             |    | JLS-1/2.0 | 10--16                         |
|                             |                                                                                     | JLS-1/2.1 | 25--50                         |
|                             |                                                                                     | JLS-1/2.2 | 70--120                        |
|                             |                                                                                     | JLS-1/2.3 | 150--240                       |
|                             |                                                                                     | JLS-1/2.4 | 300--400                       |
|                             |  | JLS-1/3.0 | 10--16                         |
|                             |                                                                                     | JLS-1/3.1 | 25--50                         |
|                             |                                                                                     | JLS-1/3.2 | 70--120                        |
|                             |                                                                                     | JLS-1/3.3 | 150--240                       |
|                             |                                                                                     | JLS-1/3.4 | 300--400                       |
|                             |  | JLS-1/4.0 | 10--16                         |
|                             |                                                                                     | JLS-1/4.1 | 25--50                         |
|                             |                                                                                     | JLS-1/4.2 | 70--120                        |
|                             |                                                                                     | JLS-1/4.3 | 150--240                       |
|                             |                                                                                     | JLS-1/4.4 | 300--400                       |
|                             |  | JLS-1/5.0 | 10--16                         |
|                             |                                                                                     | JLS-1/5.1 | 25--50                         |
|                             |                                                                                     | JLS-1/5.2 | 70--120                        |
|                             |                                                                                     | JLS-1/5.3 | 150--240                       |
|                             |                                                                                     | JLS-1/5.4 | 300--400                       |

# 10kV Cold Shrink Cable Accessories

**Application:**  
Suitable for the connection of single-core or three-core cross-linked power cables with voltage levels of 3.6/6kV, 6/6kV, 6/10kV, 8.7/10kV, 8.7/15kV, and plays the role of sealing, insulation and stress evacuation. Especially suitable for use in flammable and explosive places such as petroleum, chemical industry, and mining.

**Specification of 10kV Cold Shrink Cable Accessories:**

| Product name                               |             | Product image                                                                       | Type       | Cable cross section area (mm <sup>2</sup> ) |
|--------------------------------------------|-------------|-------------------------------------------------------------------------------------|------------|---------------------------------------------|
| 10kV Cold shrink outdoor cable termination | Single-core |    | WLS-10/1.1 | 25-50                                       |
|                                            |             |                                                                                     | WLS-10/1.2 | 70-120                                      |
|                                            |             |                                                                                     | WLS-10/1.3 | 150-240                                     |
|                                            |             |                                                                                     | WLS-10/1.4 | 300-400                                     |
|                                            | Three-core  |   | WLS-10/3.1 | 25-50                                       |
|                                            |             |                                                                                     | WLS-10/3.2 | 70-120                                      |
|                                            |             |                                                                                     | WLS-10/3.3 | 150-240                                     |
|                                            |             |                                                                                     | WLS-10/3.4 | 300-400                                     |
| 10kV Cold shrink indoor cable termination  | Single-core |  | NLS-10/1.1 | 25-50                                       |
|                                            |             |                                                                                     | NLS-10/1.2 | 70-120                                      |
|                                            |             |                                                                                     | NLS-10/1.3 | 150-240                                     |
|                                            |             |                                                                                     | NLS-10/1.4 | 300-400                                     |
|                                            | Three-core  |  | NLS-10/3.1 | 25-50                                       |
|                                            |             |                                                                                     | NLS-10/3.2 | 70-120                                      |
|                                            |             |                                                                                     | NLS-10/3.3 | 150-240                                     |
|                                            |             |                                                                                     | NLS-10/3.4 | 300-400                                     |
| 10kV Cold shrink cable joint               | Single-core |  | JLS-10/1.1 | 25-50                                       |
|                                            |             |                                                                                     | JLS-10/1.2 | 70-120                                      |
|                                            |             |                                                                                     | JLS-10/1.3 | 150-240                                     |
|                                            |             |                                                                                     | JLS-10/1.4 | 300-400                                     |
|                                            | Three-core  |  | JLS-10/3.1 | 25-50                                       |
|                                            |             |                                                                                     | JLS-10/3.2 | 70-120                                      |
|                                            |             |                                                                                     | JLS-10/3.3 | 150-240                                     |
|                                            |             |                                                                                     | JLS-10/3.4 | 300-400                                     |

# 35kV Cold Shrink Cable Accessories

**Application:**  
Suitable for the connection of single-core or three-core cross-linked power cables with voltage levels of 21/31.5kV、26/31.5kV, and plays the role of sealing, insulation and stress evacuation. Especially suitable for use in flammable and explosive places such as petroleum, chemical industry, and mining.

**Specification of 35kV Cold Shrink Cable Accessories:**

| Product name                               |             | Product image                                                                       | Type       | Cable cross section area (mm²) |
|--------------------------------------------|-------------|-------------------------------------------------------------------------------------|------------|--------------------------------|
| 35kV Cold shrink outdoor cable termination | Single-core |    | WLS-35/1.1 | 35-95                          |
|                                            |             |                                                                                     | WLS-35/1.2 | 120-185                        |
|                                            |             |                                                                                     | WLS-35/1.3 | 240-400                        |
|                                            |             |                                                                                     | WLS-35/1.4 | 500-630                        |
|                                            | Three-core  |   | WLS-35/3.1 | 50-95                          |
|                                            |             |                                                                                     | WLS-35/3.2 | 120-185                        |
|                                            |             |                                                                                     | WLS-35/3.3 | 240-400                        |
|                                            |             |                                                                                     | WLS-35/3.4 | 500-630                        |
| 35kV Cold shrink indoor cable termination  | Single-core |  | NLS-35/1.1 | 35-95                          |
|                                            |             |                                                                                     | NLS-35/1.2 | 120-185                        |
|                                            |             |                                                                                     | NLS-35/1.3 | 240-400                        |
|                                            |             |                                                                                     | NLS-35/1.4 | 500-630                        |
|                                            | Three-core  |  | NLS-35/3.1 | 50-95                          |
|                                            |             |                                                                                     | NLS-35/3.2 | 120-185                        |
|                                            |             |                                                                                     | NLS-35/3.3 | 240-400                        |
|                                            |             |                                                                                     | NLS-35/3.4 | 500-630                        |
| 35kV Cold shrink cable joint               | Single-core |  | JLS-35/1.1 | 35-95                          |
|                                            |             |                                                                                     | JLS-35/1.2 | 120-185                        |
|                                            |             |                                                                                     | JLS-35/1.3 | 240-400                        |
|                                            |             |                                                                                     | JLS-35/1.4 | 500-630                        |
|                                            | Three-core  |  | JLS-35/3.1 | 35-95                          |
|                                            |             |                                                                                     | JLS-35/3.2 | 120-185                        |
|                                            |             |                                                                                     | JLS-35/3.3 | 240-400                        |
|                                            |             |                                                                                     | JLS-35/3.4 | 500-630                        |

# Cold Shrink Breakout Boot

### Application & Features:

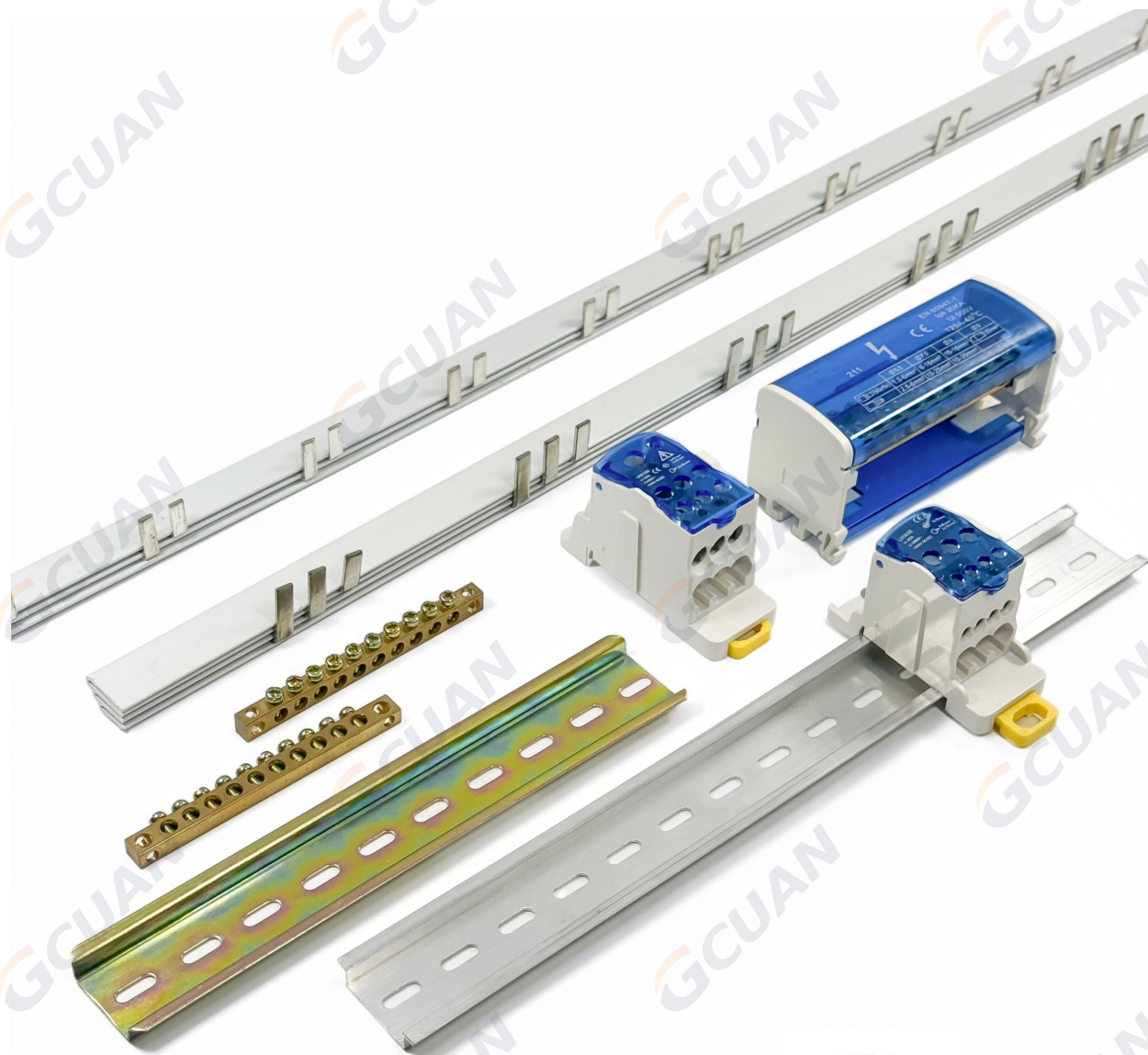
Made from high-quality silicone rubber. Used for cable termination separation up to 35kV. provide reliable sealing and protection for the crutch area of power cables. Available in multiple specifications, including 2-core, 3-core, 4-core, 5-core. Easy & Safe Installation: Cold shrink design—no heat, flame, or tools required.



### Specification of Heat Shrink Breakout Boot

| Voltage level | Product name                         | Type        | Cable cross section area (mm²) |
|---------------|--------------------------------------|-------------|--------------------------------|
| 1kV           | Two-core Cold Shrink Breakout Boot   | LSZT-1/2.0  | 10-16                          |
|               |                                      | LSZT-1/2.1  | 25-50                          |
|               |                                      | LSZT-1/2.2  | 70-120                         |
|               |                                      | LSZT-1/2.3  | 150-240                        |
|               |                                      | LSZT-1/2.4  | 300-400                        |
|               | Three-core Cold Shrink Breakout Boot | LSZT-1/3.0  | 10-16                          |
|               |                                      | LSZT-1/3.1  | 25-50                          |
|               |                                      | LSZT-1/3.2  | 70-120                         |
|               |                                      | LSZT-1/3.3  | 150-240                        |
|               |                                      | LSZT-1/3.4  | 300-400                        |
|               | Four-core Cold Shrink Breakout Boot  | LSZT-1/4.0  | 10-16                          |
|               |                                      | LSZT-1/4.1  | 25-50                          |
|               |                                      | LSZT-1/4.2  | 70-120                         |
|               |                                      | LSZT-1/4.3  | 150-240                        |
|               |                                      | LSZT-1/4.4  | 300-400                        |
|               | Five-core Cold Shrink Breakout Boot  | LSZT-1/5.0  | 10-16                          |
|               |                                      | LSZT-1/5.1  | 25-50                          |
|               |                                      | LSZT-1/5.2  | 70-120                         |
|               |                                      | LSZT-1/5.3  | 150-240                        |
|               |                                      | LSZT-1/5.4  | 300-400                        |
| 10kV          | Three-core Cold Shrink Breakout Boot | LSZT-10/3.1 | 25-50                          |
|               |                                      | LSZT-10/3.2 | 70-120                         |
|               |                                      | LSZT-10/3.3 | 150-240                        |
|               |                                      | LSZT-10/3.4 | 300-400                        |
|               |                                      | LSZT-10/3.5 | 500-630                        |
| 35kV          | Three-core Cold Shrink Breakout Boot | LSZT-35/3.1 | 50-95                          |
|               |                                      | LSZT-35/3.2 | 120-240                        |
|               |                                      | LSZT-35/3.3 | 300-400                        |
|               |                                      | LSZT-35/3.4 | 500-630                        |

# ELECTRICAL POWER DISTRIBUTION COMPONENTS



# UKK Power Distribution Junction Box

**Application:**

UKK Series unipolar junction box ,have 6 different current specifications, from 80A to 500A. And they are widely used in distribution box devices. Simple and Safety Operating. Install on 35mm wide DIN rail or chassis mounting with screws.

**Material:**

- PA Nylon, Grade of flame retardant:UL94V0
- Brass nickel plated
- Transparent cover to see if the wires are well connected

| Product image                                                                       | Type    | Input Line Section (mm²) | Output Line Section (mm²)      | Voltage/Current |
|-------------------------------------------------------------------------------------|---------|--------------------------|--------------------------------|-----------------|
|    | UKK80A  | 6-16                     | 2×2.5-16<br>4×2.5-6            | 690V/80A        |
|   | UKK125A | 6-16/10-35               | 6×2.5-16                       | 690V/125A       |
|  | UKK160A | 6-16/10-70               | 6×2.5-16                       | 690V/160A       |
|  | UKK250A | 35-120                   | 2×6-35<br>5×2.5-16<br>4×2.5-10 | 690V/250A       |
|  | UKK400A | 95-185                   | 2×6-35<br>5×2.5-16<br>4×2.5-10 | 690V/400A       |
|  | UKK500A | 3×15-8×24                | 2×6-35<br>5×2.5-16<br>4×2.5-10 | 690V/500A       |

# UK Power Distribution Junction Box

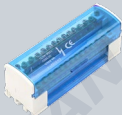
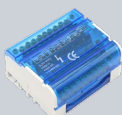
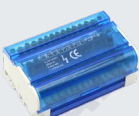
**Application:**  
UK series offers U Type 35mm din Rail installation and an optional hinged safety cover. Connection with or without ferrules, Supplied with insulated back plate and transparent protective cover, self-extinguishing

**Material :** Constructed with durable PC+PA materials, providing both strength and resistance to environmental factors.

Built-in Metal: Featuring copper internal components, ensuring efficient conductivity and long-term reliability.

**Mounted Method:**

- Fix on Din rail
- On plate with 2 screws

| Product image                                                                       | Type  | Input Line Section (mm²) | Output Line Section (mm²) | Voltage/Current |
|-------------------------------------------------------------------------------------|-------|--------------------------|---------------------------|-----------------|
|    | UK207 | 2×6-16                   | 12×1.5-6                  | 500V/125A       |
|   | UK211 | 2×6-16                   | 20×1.5-6                  | 500V/125A       |
|  | UK215 | 2×6-16                   | 28×1.5-6                  | 500V/125A       |
|  | UK407 | 4×6-16                   | 24×1.5-6                  | 500V/125A       |
|  | UK411 | 4×6-16                   | 40×1.5-6                  | 500V/125A       |
|  | UK415 | 4×6-16                   | 56×1.5-6                  | 500V/125A       |
|  | UK413 | 4×25-35                  | 48×6-16                   | 500V/125A       |

# Ground Copper Neutral Bar

**Application:**

Ideal for connecting earth and neutral terminals in electrical installations, for copper conductors only.

**Feature:**

- Facilitates easy installation and secure connections
- Provides necessary terminals for effective grounding and neutral connections



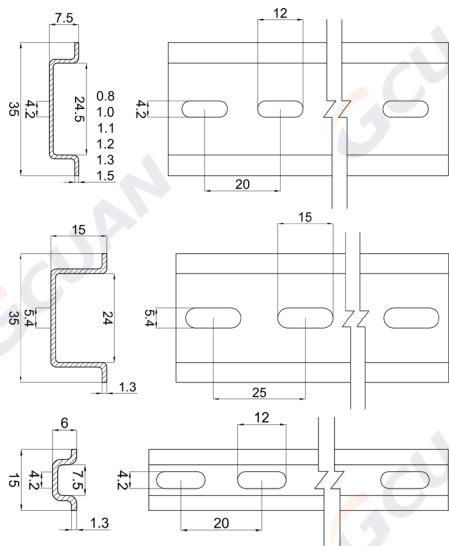
| Type     | Width | Thickness | Length | Hole Diameter | Screw Size | Screw Spacing | Mounting Holes Diameter |
|----------|-------|-----------|--------|---------------|------------|---------------|-------------------------|
| 6*8-3    | 7.5   | 5.5       | 20     | Φ5            | M4         | 6             | Φ3.2                    |
| 6*8-5    | 7.5   | 5.5       | 33     | Φ5            | M4         | 6             | Φ3.2                    |
| 6*8-7    | 7.5   | 5.5       | 45.5   | Φ5            | M4         | 6             | Φ3.2                    |
| 6*8-10   | 7.5   | 5.5       | 65     | Φ5            | M4         | 6             | Φ3.2*2                  |
| 6*9-6    | 9     | 6         | 44.2   | Φ6.4          | M4         | 6.9           | Φ4                      |
| 6*9-8    | 9     | 6         | 61     | Φ6            | M4         | 6.9           | Φ4                      |
| 6*9-9    | 9     | 6         | 67.3   | Φ6.5          | M4         | 7.1           | Φ4                      |
| 6*9-12   | 9     | 6         | 90     | Φ6            | M4         | 7.6           | Φ4                      |
| 6*10-5   | 10    | 5.7       | 41.1   | Φ6.8          | M4         | 8             | Φ3.2                    |
| 6*10-7   | 10    | 5.8       | 58     | Φ6.8          | M4         | 8             | Φ3.2                    |
| 6*10-10  | 10    | 5.8       | 80     | Φ6.8          | M4         | 8             | Φ3.2*2                  |
| 7*10-5   | 10    | 7         | 43.4   | Φ6            | M5         | 8             | Φ4*2                    |
| 7*10-7   | 10    | 7         | 60     | Φ6            | M5         | 8.5           | Φ4*2                    |
| 7*10-10  | 10    | 7         | 84.4   | Φ6            | M5         | 8.5           | Φ4*2                    |
| 7*10-12  | 10    | 7         | 80     | Φ5/7          | M4         | 6.3/7.1       | Φ4*2                    |
| 7*10-15  | 10    | 7         | 128    | Φ6            | M5         | 8.4           | Φ4*2                    |
| 7*10-15S | 10    | 7         | 98     | Φ5.4/7        | M4         | 6.4/7.1       | Φ4*2                    |
| 7*10-20  | 10    | 7         | 129.8  | Φ5.2          | M4         | 5.3           | Φ4*2                    |
| 7*11-5   | 11    | 7         | 43.3   | Φ6.9/8        | M5         | 7.6/8.6       | Φ4*2                    |
| 7*11-7   | 11    | 7         | 60.1   | Φ6.5/8        | M5         | 7.5/9         | Φ4*2                    |
| 7*11-10  | 11    | 7         | 82.78  | Φ7/8          | M5         | 7.5/8         | Φ4*2                    |
| 8*12-5   | 12    | 8         | 50     | Φ7/8.5        | M5         | 9/10          | Φ4*2                    |
| 8*12-7   | 12    | 8         | 64.2   | Φ7/8.5        | M5         | 8/9           | Φ4*2                    |
| 8*12-10  | 12    | 8         | 89.5   | Φ7/8.5        | M5         | 8/9           | Φ4*2                    |
| 8*12-12  | 12    | 8         | 101.5  | Φ7/8.5        | M5         | 8/9           | Φ4*2                    |
| 8*12-15  | 12    | 8         | 125.4  | Φ7/8.5        | M5         | 8/9           | Φ4*2                    |
| 8*12-20  | 12    | 8         | 165    | Φ7            | M5         | 7.5           | Φ4*2                    |
| 8*13-5   | 13    | 8         | 49.8   | Φ7.8/10       | M5         | 8/10          | Φ4*2                    |
| 8*13-7   | 13    | 8         | 68     | Φ7.9/10       | M5         | 8.5/10        | Φ4*2                    |
| 8*13-10  | 13    | 8         | 94.1   | Φ7.4/10       | M5         | 8/10          | Φ4*2                    |

# Aluminum Top Hat DIN Rail

**Profile Structure:** Standard top hat (TS35) profile with a 35mm wide U-shaped cross-section; available in 7.5mm or 15mm heights.

**Mounting Options:** Available in solid, slotted, or perforated versions for easy component fastening and cable routing.

**Usage Scenarios:** Commonly used in control panels and distribution boxes for mounting circuit breakers, terminal blocks, relays, and power supplies.



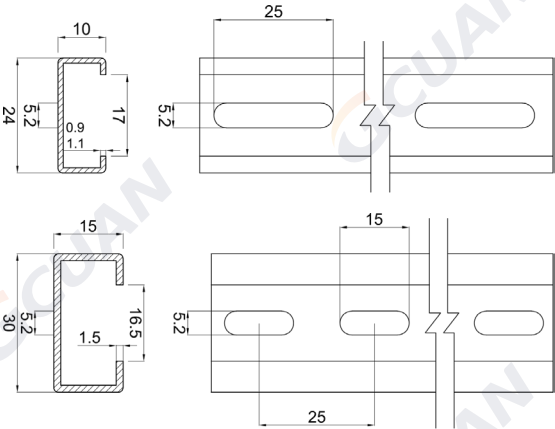
| Item        | Dimensions (mm) |             |        |           |           |              | Length |
|-------------|-----------------|-------------|--------|-----------|-----------|--------------|--------|
|             | Outer Width     | Inner Width | Height | Thickness | Hole size | Hole Spacing |        |
| TH35-7.5 AL | 35              | 24.5        | 7.5    | 0.8       | 4.2*12    | 20           | 1m     |
|             |                 |             |        | 1.0       |           |              |        |
|             |                 |             |        | 1.1       |           |              |        |
|             |                 |             |        | 1.2       |           |              |        |
|             |                 |             |        | 1.3       |           |              |        |
|             |                 |             |        | 1.5       |           |              |        |
| TH35-15 AL  | 35              | 24          | 15     | 1.3       | 5.4*15    | 25           | 1m     |
| TH15-6 AL   | 15              | 7.5         | 6      | 1.3       | 4.2*12    | 20           | 1m     |

# Aluminum C-Section DIN Rail

**Profile Structure:** The C-section has a symmetrical “C” shape, with common variants like C20, C30, C40, and C50, offering strong wall support for heavier components.

**Mounting Options:** Available in solid, slotted, or perforated styles for flexible installation; some modern devices may require adapters for compatibility.

**Usage Scenarios:** Commonly used in industrial control systems, power supplies, and transformers—especially in legacy systems or light-duty applications.



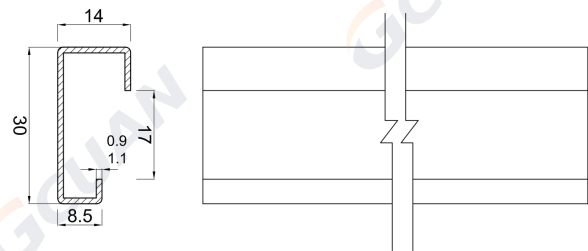
| Item      | Dimensions (mm) |             |        |           |           |              | Length |
|-----------|-----------------|-------------|--------|-----------|-----------|--------------|--------|
|           | Outer Width     | Inner Width | Height | Thickness | Hole size | Hole Spacing |        |
| C24-10 AL | 24              | 17          | 10     | 0.9       | 5.2*25    | 35.5         | 1m     |
|           |                 |             |        | 1.1       |           |              |        |
| C30-15 AL | 30              | 16.5        | 15     | 1.5       | 5.2*15    | 25           | 1m     |

# Aluminum G Type Section DIN Rail

**Profile Structure:** G-type rails feature an asymmetrical “G” shape with a deeper recess on one side (typically 32mm wide), offering enhanced support for heavy-duty components.

**Mounting Options:** Available in solid, slotted, or perforated styles to suit various installation needs; some modern devices may require adapters for compatibility.

**Usage Scenarios:** Commonly used in industrial control systems, power supplies, and transformers—especially where mechanical stability is critical.



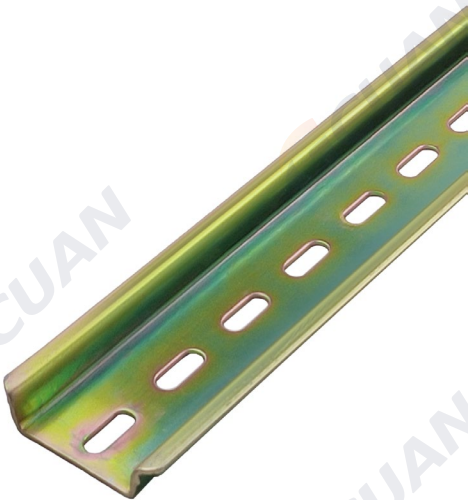
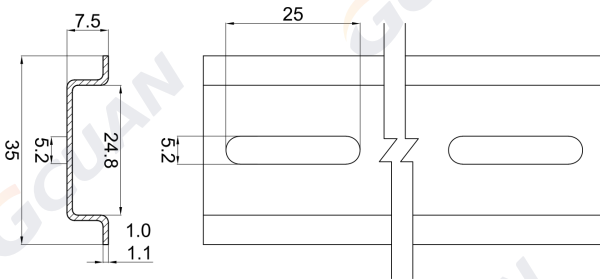
| Item          | Dimensions (mm) |             |        |           | Length |
|---------------|-----------------|-------------|--------|-----------|--------|
|               | Outer Width     | Inner Width | Height | Thickness |        |
| G30-14/8.5 AL | 30              | 17          | 14/8.5 | 0.9       | 1m     |
|               |                 |             |        | 1.1       |        |

# Steel Top Hat DIN Rail

**Profile Structure:** Standard top hat (TS35) profile with a symmetrical “hat brim” shape; 35mm wide and typically 7.5mm high.

**Mounting Options:** Available in solid, slotted, or perforated versions for flexible installation; can be mounted using screws, clips, or brackets in control panels or enclosures.

**Usage Scenarios:** Widely used in industrial automation, electrical control cabinets, and distribution boxes for mounting circuit breakers, terminal blocks, relays, PLCs, and power supplies.



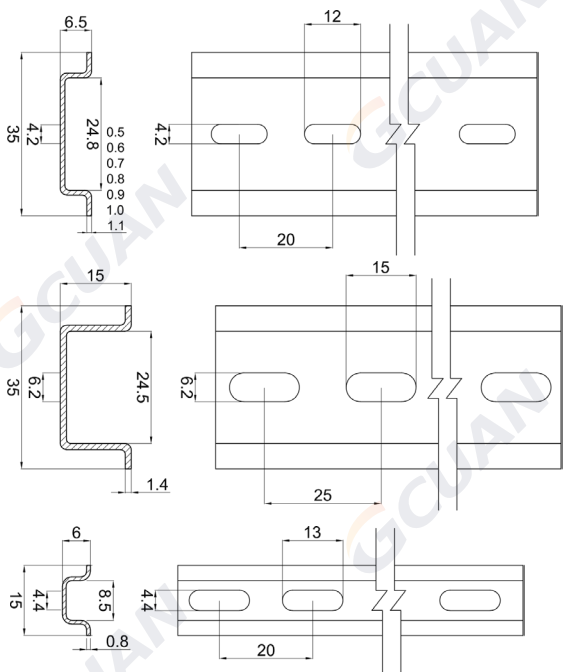
| Item        | Dimensions (mm) |             |        |           |           |              | Length |
|-------------|-----------------|-------------|--------|-----------|-----------|--------------|--------|
|             | Outer Width     | Inner Width | Height | Thickness | Hole size | Hole Spacing |        |
| TH35-7.5 ST | 35              | 24.8        | 7.5    | 0.8       | 4.2*12    | 20           | 1m     |
|             |                 |             |        | 0.9       |           |              |        |
|             |                 |             |        | 1.0       |           |              |        |
|             |                 |             |        | 1.1       |           |              |        |
|             |                 |             |        | 1.2       |           |              |        |
|             |                 |             |        | 1.0       | 5.2*25    | 35.5         |        |
|             |                 |             |        | 1.1       |           |              |        |
|             |                 |             |        | 1.0       |           |              |        |
|             |                 |             |        | 1.1       | 6.2*15    | 25           |        |
|             |                 |             |        | 1.2       |           |              |        |

# Steel Top Hat DIN Rail

**Profile Structure:** Standard top hat (TS35) profile with a symmetrical “hat brim” shape; 35mm wide and typically 7.5mm high.

**Mounting Options:** Available in solid, slotted, or perforated versions for flexible installation; can be be mounted using screws, clips, or brackets in control panels or enclosures.

**Usage Scenarios:** Widely used in industrial automation, electrical control cabinets, and distribution boxes for mounting circuit breakers, terminal blocks, relays, PLCs, and power supplies.



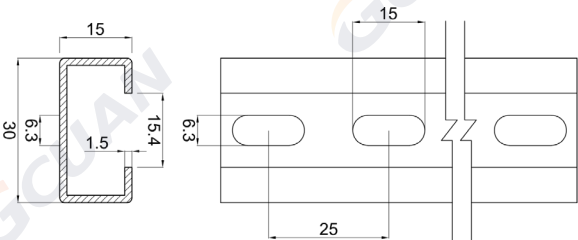
| Item        | Dimensions (mm) |             |        |           |           |              | Length |
|-------------|-----------------|-------------|--------|-----------|-----------|--------------|--------|
|             | Outer Width     | Inner Width | Height | Thickness | Hole size | Hole Spacing |        |
| TH35-6.5 ST | 35              | 24.8        | 6.5    | 0.5       | 4.2*12    | 20           | 1m     |
|             |                 |             |        | 0.6       |           |              |        |
|             |                 |             |        | 0.7       |           |              |        |
|             |                 |             |        | 0.8       |           |              |        |
|             |                 |             |        | 0.9       |           |              |        |
|             |                 |             |        | 1.0       |           |              |        |
|             |                 |             |        | 1.1       |           |              |        |
| TH35-15 ST  | 35              | 24.5        | 15     | 1.4       | 6.2*15    | 25           | 1m     |
| TH15-6 ST   | 15              | 8.5         | 6      | 0.8       | 4.4*13    | 20           | 1m     |

# Steel C-Section DIN Rail

**Profile Structure:** Features a symmetrical “C” shape; common variants include C20, C30, C40, and C50, where the number indicates the height in millimeters.

**Mounting Options:** Available in solid, slotted, or perforated styles to suit various installation needs; compatible with screws, clips, or welding.

**Usage Scenarios:** Commonly used in industrial control systems, power supplies, and transformers—especially in legacy systems or high-load applications.



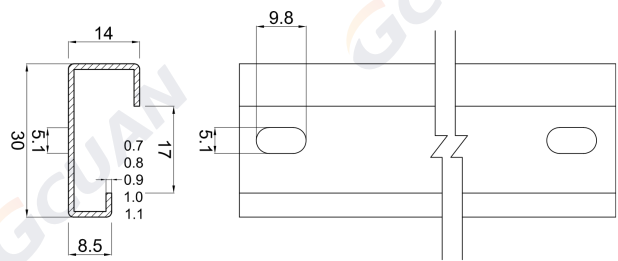
| Item         | Dimensions (mm) |             |        |           |           |              | Length |
|--------------|-----------------|-------------|--------|-----------|-----------|--------------|--------|
|              | Outer Width     | Inner Width | Height | Thickness | Hole size | Hole Spacing |        |
| C30-15 ST/WH | 30              | 15.4        | 15     | 1.5       | 6.3*15    | 25           | 1m     |

# Steel G Type Section DIN Rail

**Profile Structure:** G-type rails feature an asymmetrical “G” shape with a deeper recess on one side; typically 32mm wide and compliant with EN 50035 standards.

**Mounting Options:** Can be installed using screws, clips, or brackets; available in solid, slotted, or perforated versions for flexible integration.

**Usage Scenarios:** Commonly used in industrial automation, power systems, PLCs, power supplies, and contactors—especially where mechanical stability is critical.



| Item          | Dimensions (mm) |             |        |           |           | Length |
|---------------|-----------------|-------------|--------|-----------|-----------|--------|
|               | Outer Width     | Inner Width | Height | Thickness | Hole size |        |
| G30-14/8.5 ST | 30              | 17          | 14/8.5 | 0.7       | 5.1*9.8   | 1m     |
|               |                 |             |        | 0.8       |           |        |
|               |                 |             |        | 0.9       |           |        |
|               |                 |             |        | 1.0       |           |        |
|               |                 |             |        | 1.1       |           |        |

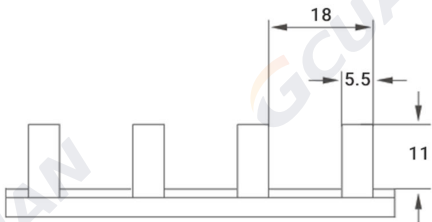
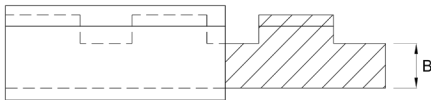
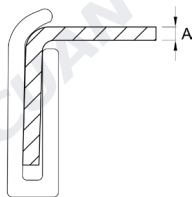
# Insulated Pin busbar 1P

**Specifications:**

- Material: Pure copper, fire-resistance PVC
- Phase/pole:1p
- Rated Current (A): 20-100

**Features:**

Good conductivity  
Low contact resistance  
Good versatility and tractability  
Advantages and security and convenience to install and widely used in construction electrical devices.



| Type            | Thickness of Pin A (mm) | Width of Conductor B (mm) | Distance (mm) | Width of Pin (mm) | Length of Pin (mm) | Modules | Length (mm) | Reference Current |
|-----------------|-------------------------|---------------------------|---------------|-------------------|--------------------|---------|-------------|-------------------|
| 1P-32A-1.0-4.5  | 1                       | 4.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 32A               |
| 1P-40A-1.2-4.5  | 1.2                     | 4.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 40A               |
| 1P-60A-1.4-4.5  | 1.4                     | 4.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 60A               |
| 1P-60A-1.7-4.5  | 1.7                     | 4.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 60A               |
| 1P-60A-1.2-6.5  | 1.2                     | 6.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 60A               |
| 1P-63A-1.2-7.5  | 1.2                     | 7.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 63A               |
| 1P-63A-1.4-6.5  | 1.4                     | 6.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 63A               |
| 1P-70A-1.4-7.5  | 1.4                     | 7.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 70A               |
| 1P-80A-1.7-6.5  | 1.7                     | 6.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 80A               |
| 1P-100A-1.7-7.5 | 1.7                     | 7.5                       | 18            | 5.5               | 11                 | 53      | 1000        | 100A              |

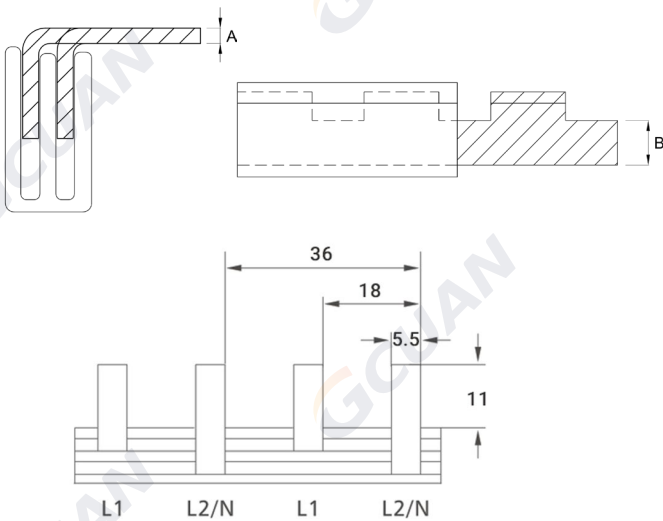
# Insulated Pin busbar 2P

**Specifications:**

- Material: Pure copper, fire-resistance PVC
- Phase/pole:2p
- Rated Current (A): 20-100

**Features:**

Good conductivity  
Low contact resistance  
Good versatility and tractability  
Advantages and security and convenience to install and widely used in construction electrical devices.



| Type            | Thickness of Pin A (mm) | Width of Conductor B (mm) | Pin Pitch (mm) | Distance (mm) | Width of Pin (mm) | Length of Pin (mm) | Modules | Length (mm) | Reference Current |
|-----------------|-------------------------|---------------------------|----------------|---------------|-------------------|--------------------|---------|-------------|-------------------|
| 2P-20A-1.0-4.5  | 1                       | 4.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 20A               |
| 2P-32A-1.0-4.5  | 1                       | 4.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 32A               |
| 2P-40A-1.2-4.5  | 1.2                     | 4.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 40A               |
| 2P-60A-1.4-4.5  | 1.4                     | 4.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 60A               |
| 2P-60A-1.7-4.5  | 1.7                     | 4.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 60A               |
| 2P-60A-1.2-6.5  | 1.2                     | 6.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 60A               |
| 2P-63A-1.2-7.5  | 1.2                     | 7.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 63A               |
| 2P-63A-1.4-6.5  | 1.4                     | 6.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 63A               |
| 2P-70A-1.4-7.5  | 1.4                     | 7.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 70A               |
| 2P-80A-1.7-6.5  | 1.7                     | 6.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 80A               |
| 2P-100A-1.7-7.5 | 1.7                     | 7.5                       | 36             | 18            | 5.5               | 11                 | 54      | 1000        | 100A              |

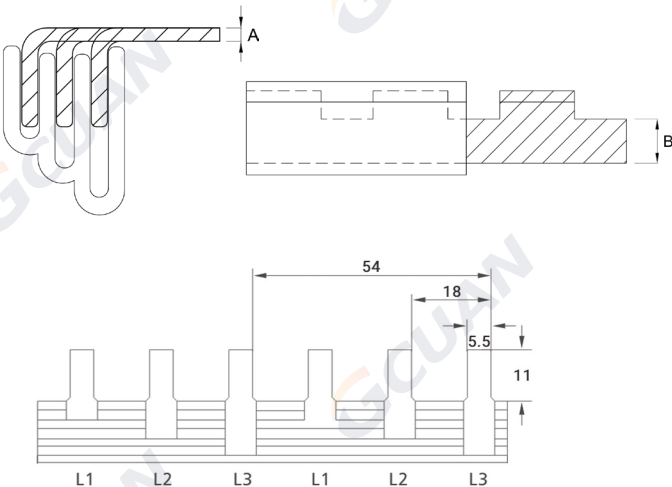
# Insulated Pin busbar 3P

**Specifications:**

- Material: Pure copper, fire-resistance PVC
- Phase/pole:3p
- Rated Current (A): 20-100

**Features:**

Good conductivity  
Low contact resistance  
Good versatility and tractability  
Advantages and security and convenience to install and widely used in construction electrical devices.



| Type            | Thickness of Pin A (mm) | Width of Conductor B (mm) | Pin Pitch (mm) | Distance (mm) | Width of Pin (mm) | Length of Pin (mm) | Modules | Length (mm) | Reference Current |
|-----------------|-------------------------|---------------------------|----------------|---------------|-------------------|--------------------|---------|-------------|-------------------|
| 3P-20A-1.0-4.5  | 1.0                     | 4.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 20A               |
| 3P-32A-1.0-4.5  | 1.0                     | 4.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 32A               |
| 3P-40A-1.2-4.5  | 1.2                     | 4.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 40A               |
| 3P-60A-1.4-4.5  | 1.4                     | 4.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 60A               |
| 3P-60A-1.7-4.5  | 1.7                     | 4.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 60A               |
| 3P-60A-1.2-6.5  | 1.2                     | 6.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 60A               |
| 3P-63A-1.2-7.5  | 1.2                     | 7.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 63A               |
| 3P-63A-1.4-6.5  | 1.4                     | 6.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 63A               |
| 3P-70A-1.4-7.5  | 1.4                     | 7.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 70A               |
| 3P-80A-1.7-6.5  | 1.7                     | 6.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 80A               |
| 3P-100A-1.7-7.5 | 1.7                     | 7.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 100A              |
| 3P-100A-1.7-9.5 | 1.7                     | 9.5                       | 54             | 18            | 5.5               | 11                 | 54      | 1000        | 100A              |

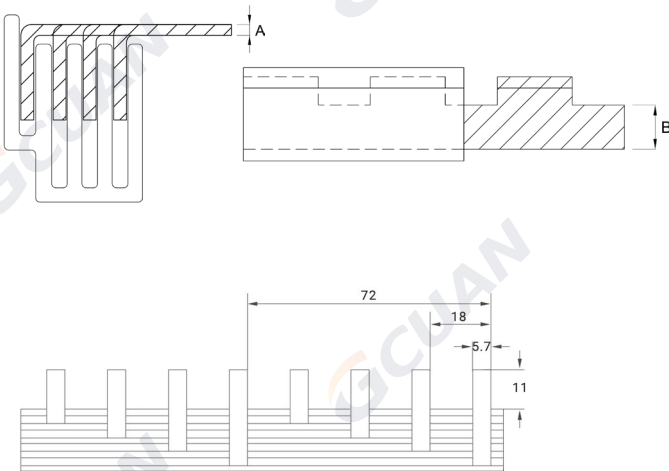
# Insulated Pin busbar 4P

**Specifications:**

- Material: Pure copper, fire-resistance PVC
- Phase/pole:4p
- Rated Current (A): 40-100

**Features:**

Good conductivity  
Low contact resistance  
Good versatility and tractability  
Advantages and security and convenience to install and widely used in construction electrical devices.



| Type            | Thickness of Pin A(mm) | Width of Conductor B (mm) | Pin Pitch (mm) | Distance (mm) | Width of Pin (mm) | Length of Pin (mm) | Modules | Length (mm) | Reference Current |
|-----------------|------------------------|---------------------------|----------------|---------------|-------------------|--------------------|---------|-------------|-------------------|
| 4P-40A-1.2-4.5  | 1.2                    | 4.5                       | 72             | 18            | 5.7               | 11                 | 52      | 1000        | 40A               |
| 4P-60A-1.4-4.5  | 1.4                    | 4.5                       | 72             | 18            | 5.7               | 11                 | 52      | 1000        | 60A               |
| 4P-60A-1.7-4.5  | 1.7                    | 4.5                       | 72             | 18            | 5.7               | 11                 | 52      | 1000        | 60A               |
| 4P-63A-1.4-6.5  | 1.4                    | 6.5                       | 72             | 18            | 5.7               | 11                 | 52      | 1000        | 63A               |
| 4P-100A-1.7-7.5 | 1.7                    | 7.5                       | 72             | 18            | 5.7               | 11                 | 52      | 1000        | 100A              |
| 4P-100A-1.7-9.5 | 1.7                    | 9.5                       | 72             | 18            | 5.7               | 11                 | 52      | 1000        | 100A              |

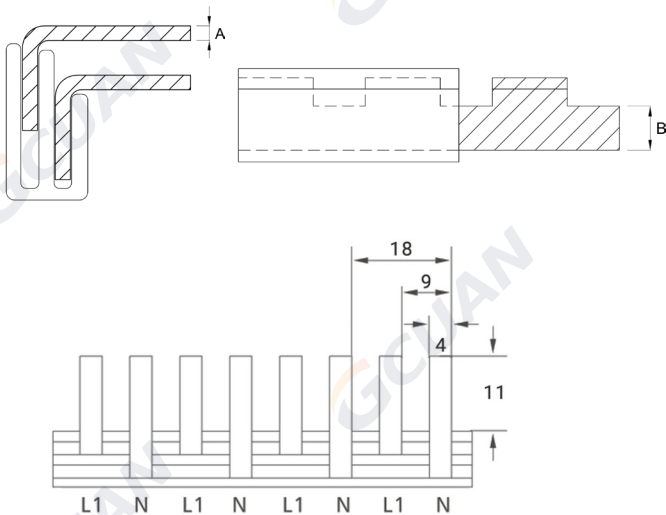
# Insulated Pin busbar DPN

**Specifications:**

- Material: Pure copper, fire-resistance PVC
- Phase/pole: 1P+N
- Rated Current (A): 20-70

**Features:**

With standard pin spacing to match DPN breakers  
Good conductivity, Low contact resistance  
Good versatility and tractability  
Advantages and security and convenience to install and widely used in construction electrical devices.



| Type            | Thickness of Pin A(mm) | Width of Conductor B (mm) | Pin Pitch (mm) | Distance (mm) | Width of Pin (mm) | Length of Pin (mm) | Modules | Length (mm) | Reference Current |
|-----------------|------------------------|---------------------------|----------------|---------------|-------------------|--------------------|---------|-------------|-------------------|
| DPN-20A-1-4.5   | 1                      | 4.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 20A               |
| DPN-32A-1-4.5   | 1                      | 4.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 32A               |
| DPN-40A-1.2-4.5 | 1.2                    | 4.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 40A               |
| DPN-60A-1.4-4.5 | 1.4                    | 4.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 60A               |
| DPN-60A-1.2-6.5 | 1.2                    | 6.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 60A               |
| DPN-63A-1.2-7.5 | 1.2                    | 7.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 63A               |
| DPN-63A-1.4-6.5 | 1.4                    | 6.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 63A               |
| DPN-70A-1.4-7.5 | 1.4                    | 7.5                       | 18             | 9             | 4                 | 11                 | 53      | 1000        | 70A               |

## CABLE TIES



# BL Stainless Steel Cable Ties-ball-lock Uncoated/Coated/Full Coated

## ■ BL uncoated

- Working Temp: -80° ~ 538°
- Product features: Ball-Lock type self-lock system , will speed the installation



## ■ BLP coated

- Working Temp: -80° ~ 150°
- Product features: Polyester coated band provide additional edge protection, prevent corrosion between dissimilar materials



## ■ BLPM fully coated

- Working Temp:-80° ~ 150°
- Product features: Full coated version will prevent static electricity, Polyester coated band provide additional edge protection, prevent corrosion between dissimilar materials



## ■ Technical Information

- Product material: Stainless Steel Grade 201 or 304, 316
- Other Properties: High and low temperature resistance, wear resistance, rust resistance, UV resistance
- Coating: POLYESTER/Epoxy
- Description: Entirely metallic or coating, fully coated

| Type                                              | Item NO.                                          | Thickness |        | Width |        | Length |        | Min. Tensile strength |       |      |    |      |     |     |
|---------------------------------------------------|---------------------------------------------------|-----------|--------|-------|--------|--------|--------|-----------------------|-------|------|----|------|-----|-----|
|                                                   |                                                   | (mm)      | (inch) | (mm)  | (inch) | (mm)   | (inch) | (N)                   | (lbs) |      |    |      |     |     |
| •BL uncoated<br>•BLP coated<br>•BLPM fully coated | 4.6*100                                           | 0.25      | 0.01   | 4.6   | 0.18   | 100    | 3.9    | 1000                  | 225   |      |    |      |     |     |
|                                                   | 4.6*150                                           |           |        |       |        | 150    | 5.9    |                       |       |      |    |      |     |     |
|                                                   | 4.6*200                                           |           |        |       |        | 200    | 7.9    |                       |       |      |    |      |     |     |
|                                                   | 4.6*250                                           |           |        |       |        | 250    | 9.8    |                       |       |      |    |      |     |     |
|                                                   | 4.6*300                                           |           |        |       |        | 300    | 11.8   |                       |       |      |    |      |     |     |
|                                                   | 4.6*350                                           |           |        |       |        | 350    | 13.8   |                       |       |      |    |      |     |     |
|                                                   | 4.6*400                                           |           |        |       |        | 400    | 15.7   |                       |       |      |    |      |     |     |
|                                                   | 4.6*450                                           |           |        |       |        | 450    | 17.7   |                       |       |      |    |      |     |     |
|                                                   | 4.6*520                                           |           |        |       |        | 520    | 20.5   |                       |       |      |    |      |     |     |
|                                                   | 4.6*680                                           |           |        |       |        | 680    | 26.8   |                       |       |      |    |      |     |     |
|                                                   | 4.6*800                                           |           |        |       |        | 800    | 31.5   |                       |       |      |    |      |     |     |
|                                                   | 4.6*1000                                          |           |        |       |        | 1000   | 39.4   |                       |       |      |    |      |     |     |
| •BL uncoated<br>•BLP coated<br>•BLPM fully coated | 7.9*150                                           | 0.25      | 0.01   | 7.9   | 0.31   | 150    | 5.9    | 2220                  | 500   |      |    |      |     |     |
|                                                   | 7.9*200                                           |           |        |       |        | 200    | 7.9    |                       |       |      |    |      |     |     |
|                                                   | 7.9*250                                           |           |        |       |        | 250    | 9.8    |                       |       |      |    |      |     |     |
|                                                   | 7.9*300                                           |           |        |       |        | 300    | 11.8   |                       |       |      |    |      |     |     |
|                                                   | 7.9*350                                           |           |        |       |        | 350    | 13.8   |                       |       |      |    |      |     |     |
|                                                   | 7.9*400                                           |           |        |       |        | 400    | 15.7   |                       |       |      |    |      |     |     |
|                                                   | 7.9*450                                           |           |        |       |        | 450    | 17.7   |                       |       |      |    |      |     |     |
|                                                   | 7.9*520                                           |           |        |       |        | 520    | 20.5   |                       |       |      |    |      |     |     |
|                                                   | 7.9*680                                           |           |        |       |        | 680    | 26.8   |                       |       |      |    |      |     |     |
|                                                   | 7.9*800                                           |           |        |       |        | 800    | 31.5   |                       |       |      |    |      |     |     |
|                                                   | 7.9*1000                                          |           |        |       |        | 1000   | 39.4   |                       |       |      |    |      |     |     |
|                                                   | •BL uncoated<br>•BLP coated<br>•BLPM fully coated |           |        |       |        | 10*200 | 0.25   |                       |       | 0.01 | 10 | 0.39 | 200 | 7.9 |
| 10*250                                            |                                                   | 250       | 9.8    |       |        |        |        |                       |       |      |    |      |     |     |
| 10*300                                            |                                                   | 300       | 11.8   |       |        |        |        |                       |       |      |    |      |     |     |
| 10*350                                            |                                                   | 350       | 13.8   |       |        |        |        |                       |       |      |    |      |     |     |
| 10*400                                            |                                                   | 0.3       | 0.012  |       |        | 400    | 15.7   |                       |       |      |    |      |     |     |
| 10*450                                            |                                                   |           |        |       |        | 450    | 17.7   |                       |       |      |    |      |     |     |
| 10*520                                            |                                                   | 0.4       | 0.016  |       |        | 520    | 20.5   |                       |       |      |    |      |     |     |
| 10*680                                            |                                                   |           |        |       |        | 680    | 26.8   |                       |       |      |    |      |     |     |
| 10*800                                            |                                                   |           |        |       |        | 800    | 31.5   |                       |       |      |    |      |     |     |
| 10*1000                                           |                                                   |           |        |       |        | 1000   | 39.4   |                       |       |      |    |      |     |     |
| •BL uncoated<br>•BLP coated<br>•BLPM fully coated |                                                   | 12*350    | 0.25   | 0.01  | 12     | 0.47   | 350    | 13.8                  | 3115  | 700  |    |      |     |     |
|                                                   |                                                   | 12*400    |        |       |        |        | 400    | 15.7                  |       |      |    |      |     |     |
|                                                   | 12*500                                            | 500       |        |       |        |        | 19.7   |                       |       |      |    |      |     |     |
|                                                   | 12*600                                            | 0.3       | 0.012  |       |        |        | 600    | 23.6                  |       |      |    |      |     |     |
|                                                   | 12*750                                            |           |        |       |        |        | 750    | 29.5                  |       |      |    |      |     |     |
|                                                   | 12*900                                            | 0.4       | 0.016  |       |        |        | 900    | 35.4                  |       |      |    |      |     |     |
|                                                   | 12*1100                                           |           |        |       |        |        | 1100   | 43.3                  |       |      |    |      |     |     |
| •BL uncoated                                      | 12.7*350                                          | 0.3       | 0.012  | 12.7  | 0.5    | 350    | 13.8   | 3115                  | 700   |      |    |      |     |     |
|                                                   | 12.7*400                                          |           |        |       |        | 400    | 15.7   |                       |       |      |    |      |     |     |
|                                                   | 12.7*500                                          |           |        |       |        | 500    | 19.7   |                       |       |      |    |      |     |     |
|                                                   | 12.7*600                                          |           |        |       |        | 600    | 23.6   |                       |       |      |    |      |     |     |
|                                                   | 12.7*750                                          | 0.4       | 0.016  |       |        | 750    | 29.5   |                       |       |      |    |      |     |     |
|                                                   | 12.7*900                                          |           |        |       |        | 900    | 35.4   |                       |       |      |    |      |     |     |
|                                                   | 12.7*1100                                         |           |        |       |        | 1100   | 43.3   |                       |       |      |    |      |     |     |
| •BL uncoated                                      | 16*500                                            | 0.3       | 0.012  | 16    | 0.63   | 500    | 19.7   | 3115                  | 700   |      |    |      |     |     |
|                                                   | 16*600                                            |           |        |       |        | 600    | 23.6   |                       |       |      |    |      |     |     |
|                                                   | 16*700                                            |           |        |       |        | 700    | 27.6   |                       |       |      |    |      |     |     |
|                                                   | 16*800                                            |           |        |       |        | 800    | 31.5   |                       |       |      |    |      |     |     |
|                                                   | 16*1100                                           | 0.4       | 0.016  |       |        | 1100   | 43.3   |                       |       |      |    |      |     |     |
|                                                   | 16*1500                                           |           |        |       |        | 1500   | 59.1   |                       |       |      |    |      |     |     |
|                                                   | 16*2000                                           |           |        |       |        | 2000   | 78.7   |                       |       |      |    |      |     |     |
| •BL uncoated                                      | 19*500                                            | 0.3       | 0.012  | 19    | 0.75   | 500    | 19.7   | 4100                  | 920   |      |    |      |     |     |
|                                                   | 19*600                                            |           |        |       |        | 600    | 23.6   |                       |       |      |    |      |     |     |
|                                                   | 19*700                                            |           |        |       |        | 700    | 27.6   |                       |       |      |    |      |     |     |
|                                                   | 19*800                                            |           |        |       |        | 800    | 31.5   |                       |       |      |    |      |     |     |
|                                                   | 19*1100                                           | 0.4       | 0.016  |       |        | 1100   | 43.3   |                       |       |      |    |      |     |     |
|                                                   | 19*1500                                           |           |        |       |        | 1500   | 59.1   |                       |       |      |    |      |     |     |
|                                                   | 19*2000                                           |           |        |       |        | 2000   | 78.7   |                       |       |      |    |      |     |     |

# LC Stainless Steel Cable Ties-ladder Multi-lock Uncoated/Full Coated

## ■ LC Uncoated

- Working Temp: -80°~ 538°
- Product features: Strong self-locking system, does not require extra rolling and folding operation, easy to operate; Larger slot at the end, allows the use of a hook-type tool; Stronger tensile strength than Single-Lock



## ■ LCPM Full Coated

- Working Temp: -80°~150°
- Properties: Full coated version will prevent static electricity, Polyester coated band provide additional edge protection, prevent corrosion between dissimilar materials



## ■ Technical Information

- Product material: Stainless Steel Grade 201or304, 316
- Other Properties: High and low temperature resistance, wear resistance, rust resistance, UV resistance
- Coating: POLYESTER/Epoxy, Nylon 11
- Description: Entirely metallic or coated

| Type                              | Item NO. | Thickness |        | Width |        | Length |        | Min. Tensile strength |       |
|-----------------------------------|----------|-----------|--------|-------|--------|--------|--------|-----------------------|-------|
|                                   |          | (mm)      | (inch) | (mm)  | (inch) | (mm)   | (inch) | (N)                   | (lbs) |
| •LC uncoated<br>•LCPM Full coated | 7*150    | 0.25      | 0.01   | 7     | 0.27   | 150    | 5.9    | 667                   | 150   |
|                                   | 7*225    |           |        |       |        | 225    | 8.9    |                       |       |
|                                   | 7*300    |           |        |       |        | 300    | 11.8   |                       |       |
|                                   | 7*335    |           |        |       |        | 400    | 15.7   |                       |       |
|                                   | 7*400    | 0.3       | 0.012  |       |        | 450    | 17.7   |                       |       |
|                                   | 7*450    |           |        |       |        | 550    | 21.7   |                       |       |
|                                   | 7*490    |           |        |       |        | 600    | 23.6   |                       |       |
|                                   | 7*610    |           |        |       |        | 700    | 27.6   |                       |       |
| •LC uncoated<br>•LCPM Full coated | 12*150   | 0.25      | 0.01   | 12    | 0.47   | 150    | 5.9    | 1000                  | 225   |
|                                   | 12*225   |           |        |       |        | 225    | 8.9    |                       |       |
|                                   | 12*300   |           |        |       |        | 300    | 11.8   |                       |       |
|                                   | 12*335   |           |        |       |        | 400    | 15.7   |                       |       |
|                                   | 12*400   | 0.3       | 0.012  |       |        | 450    | 17.7   |                       |       |
|                                   | 12*450   |           |        |       |        | 550    | 21.7   |                       |       |
|                                   | 12*490   |           |        |       |        | 600    | 23.6   |                       |       |
|                                   | 12*610   |           |        |       |        | 700    | 27.6   |                       |       |

# RT Stainless Steel Cable Ties-releasable Ties Uncoated/Coated

■ RT uncoated

- Working Temp: -80°~ 538°
- Product features: singles can pass through the buckle twice to increase tension strength.



■ RTP coated

- Coating: POLYESTER/Epoxy, Nylon 11
- Working Temp: -80°~ 150°
- Product features: Polyester coated band provide additional edge protection, prevent corrosion



■ Technical Information

- Product material: Stainless Steel Grade 201or304, 316
- Other Properties: High and low temperature resistance, wear resistance, rust resistance, UV resistance
- Description: Entirely metallic or coated, PVC Coated

| Type                        | Item NO. | Thickness |        | Width |        | Length |        | Min. Tensile strength |       |
|-----------------------------|----------|-----------|--------|-------|--------|--------|--------|-----------------------|-------|
|                             |          | (mm)      | (inch) | (mm)  | (inch) | (mm)   | (inch) | (N)                   | (lbs) |
| •RT uncoated<br>•RTP coated | 6.35*152 | 0.4       | 0.016  | 6.35  | 0.25   | 152    | 6      | 1000                  | 225   |
|                             | 6.35*229 |           |        |       |        | 229    | 9      |                       |       |
|                             | 6.35*305 |           |        |       |        | 305    | 12     |                       |       |
|                             | 6.35*457 |           |        |       |        | 457    | 18     |                       |       |
|                             | 6.35*610 |           |        |       |        | 610    | 24     |                       |       |
|                             | 6.35*762 |           |        |       |        | 762    | 30     |                       |       |
|                             | 6.35*914 |           |        |       |        | 914    | 36     |                       |       |
| •RT uncoated<br>•RTP coated | 9.5*152  | 0.4       | 0.016  | 9.5   | 0.38   | 152    | 6      | 1100                  | 244   |
|                             | 9.5*229  |           |        |       |        | 229    | 9      |                       |       |
|                             | 9.5*305  |           |        |       |        | 305    | 12     |                       |       |
|                             | 9.5*457  |           |        |       |        | 457    | 18     |                       |       |
|                             | 9.5*610  |           |        |       |        | 610    | 24     |                       |       |
|                             | 9.5*762  |           |        |       |        | 762    | 30     |                       |       |
|                             | 9.5*914  |           |        |       |        | 914    | 36     |                       |       |

# STT Stainless Steel Ratchet Cable Tie Uncoated/Coated

## ■ STT uncoated

- Working Temp:  $-80^{\circ}\sim 538^{\circ}$
- Product features: Composed of tightener, ratchet, belt body and other parts; Has very strong and tensile strength; Easy to use, only back and forth wave ratchet to achieve the purpose of tightening



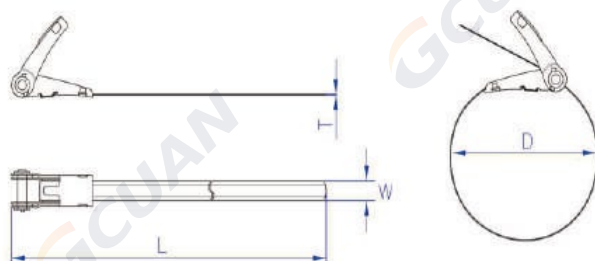
## ■ STTP coated

- Coating: POLYESTER/Epoxy, Nylon 11
- Working Temp:  $-80^{\circ} \sim 150^{\circ}$
- Description: Entirely metallic
- Product features: Composed of tightener, ratchet, belt body and other parts; Has very strong and tensile strength ; Easy to use, only back and forth wave ratchet to achieve the purpose of tightening ; Polyester coated band provide additional edge protection , prevent corrosion between dissimilar materials. Full coated version will prevent static electricity



## ■ Technical Information

- Product material: Stainless Steel Grade 201 or 304、316
- Other Properties: High and low temperature resistance, wear resistance, rust resistance, UV resistance
- Description: Entirely metallic or coated



P Cable Ties

| Type                          | Item NO. | Thickness                 |                                 | Width |        | Length |        | Min. Tensile strength |       |
|-------------------------------|----------|---------------------------|---------------------------------|-------|--------|--------|--------|-----------------------|-------|
|                               |          | (mm)                      | (inch)                          | (mm)  | (inch) | (mm)   | (inch) | (N)                   | (lbs) |
| •STT uncoated<br>•STTP coated | 10*400   | 0.2<br>0.25<br>0.3<br>0.4 | 0.0078<br>0.01<br>0.012<br>0.16 | 10    | 0.39   | 400    | 15.7   | 1200                  | 270   |
|                               | 10*600   |                           |                                 |       |        | 600    | 23.6   |                       |       |
|                               | 10*800   |                           |                                 |       |        | 800    | 31.5   |                       |       |
|                               | 10*1000  |                           |                                 |       |        | 1000   | 39.4   |                       |       |
|                               | 10*1200  |                           |                                 |       |        | 1200   | 47.2   |                       |       |
|                               | 10*1500  |                           |                                 |       |        | 1500   | 59.1   |                       |       |
|                               | 10*1800  |                           |                                 |       |        | 1800   | 70.9   |                       |       |
|                               | 10*2000  |                           |                                 |       |        | 2000   | 78.7   |                       |       |
| •STT uncoated<br>•STTP coated | 15*400   | 0.25<br>0.3<br>0.4        | 0.01<br>0.012<br>0.16           | 15    | 0.59   | 400    | 15.7   | 1500                  | 300   |
|                               | 15*600   |                           |                                 |       |        | 600    | 23.6   |                       |       |
|                               | 15*800   |                           |                                 |       |        | 800    | 31.5   |                       |       |
|                               | 15*1000  |                           |                                 |       |        | 1000   | 39.4   |                       |       |
|                               | 15*1200  |                           |                                 |       |        | 1200   | 47.2   |                       |       |
| •STT uncoated                 | 15*1500  |                           |                                 |       |        | 1500   | 59.1   |                       |       |
|                               | 15*1800  |                           |                                 |       |        | 1800   | 70.9   |                       |       |
|                               | 15*2000  |                           |                                 |       |        | 2000   | 78.7   |                       |       |
| •STT uncoated<br>•STTP coated | 19*400   | 0.3<br>0.4                | 0.012<br>0.16                   | 19    | 0.75   | 400    | 15.7   | 2000                  | 450   |
|                               | 19*600   |                           |                                 |       |        | 600    | 23.6   |                       |       |
|                               | 19*800   |                           |                                 |       |        | 800    | 31.5   |                       |       |
|                               | 19*1000  |                           |                                 |       |        | 1000   | 39.4   |                       |       |
|                               | 19*1200  |                           |                                 |       |        | 1200   | 47.2   |                       |       |
| •STT uncoated                 | 19*1500  |                           |                                 |       |        | 1500   | 59.1   |                       |       |
|                               | 19*1800  |                           |                                 |       |        | 1800   | 70.9   |                       |       |
|                               | 19*2000  |                           |                                 |       |        | 2000   | 78.7   |                       |       |

# BZL Stainless Steel Cable Ties-L Type Ball-lock Uncoated Ties

■ BZL uncoated

- Working Temp: -80° ~ 538°
- Product features: L-shape Stronger tensile strength, then nominal ball-lock uncoated ties

■ BZLP coated

- Working Temp: -80° ~ 150°
- Product features: L-shape Stronger tensile strength, then nominal ball-lock uncoated ties, polyester coated band provide additional edge protection, prevent corrosion between dissimilar materials



■ Technical Information

- Product material: Stainless Steel Grade 201or304, 316
- Other Properties: High and low temperature resistance, wear resistance, rust resistance, UV resistance
- Coating: POLYESTER/Epoxy
- Description: Entirely metallic or coated

| Type                          | Item NO. | Thickness   |               | Width |        | Length |        | Min. Tensile strength |       |
|-------------------------------|----------|-------------|---------------|-------|--------|--------|--------|-----------------------|-------|
|                               |          | (mm)        | (inch)        | (mm)  | (inch) | (mm)   | (inch) | (N)                   | (lbs) |
| •BZL uncoated<br>•BZLP coated | 7.9*200  | 0.25<br>0.3 | 0.01<br>0.012 | 7.9   | 0.31   | 200    | 7.9    | 2220                  | 500   |
|                               | 7.9*250  |             |               |       |        | 250    | 9.8    |                       |       |
|                               | 7.9*300  |             |               |       |        | 300    | 11.8   |                       |       |
|                               | 7.9*350  |             |               |       |        | 350    | 13.8   |                       |       |
|                               | 7.9*400  |             |               |       |        | 400    | 15.7   |                       |       |
|                               | 7.9*450  |             |               |       |        | 450    | 17.7   |                       |       |
|                               | 7.9*500  |             |               |       |        | 500    | 19.7   |                       |       |
|                               | 7.9*550  |             |               |       |        | 550    | 21.7   |                       |       |
|                               | 7.9*600  |             |               |       |        | 600    | 23.6   |                       |       |
|                               | 7.9*800  |             |               |       |        | 800    | 31.5   |                       |       |
| •BZL uncoated<br>•BZLP coated | 12*300   | 0.25<br>0.3 | 0.01<br>0.012 | 12    | 0.47   | 300    | 11.8   | 3115                  | 700   |
|                               | 12*350   |             |               |       |        | 350    | 13.8   |                       |       |
|                               | 12*400   |             |               |       |        | 400    | 15.7   |                       |       |
|                               | 12*500   |             |               |       |        | 500    | 19.7   |                       |       |
|                               | 12*700   |             |               |       |        | 700    | 27.6   |                       |       |
|                               | 12*800   |             |               |       |        | 800    | 31.5   |                       |       |
|                               | 12*900   |             |               |       |        | 900    | 35.4   |                       |       |
|                               | 12*1000  |             |               |       |        | 1000   | 39.4   |                       |       |
|                               | 12*1200  |             |               |       |        | 1200   | 47.2   |                       |       |
|                               | 12*1500  |             |               |       |        | 1500   | 59.1   |                       |       |

# BLP Stainless Steel Cable Ties-ball-lock PVC Coated Ties

■ BLP PVC Coated

- Working Temp: -40° ~ 70°
- Product characteristics: -PVC coated band is thicker and softer, than polyester coated band. Coated band provide additional edge protection, prevent the corrosion between dissimilar materials



■ Technical Information

- Product material: Stainless Steel Grade 201or304, 316
- Other Properties: High and low temperature resistance, wear resistance, rust resistance, UV resistance
- Coating: PVC
- Description: PVC Coated

| Type            | Item NO. | Thickness |        | Width |        | Length |        | Min. Tensile strength |       |
|-----------------|----------|-----------|--------|-------|--------|--------|--------|-----------------------|-------|
|                 |          | (mm)      | (inch) | (mm)  | (inch) | (mm)   | (inch) | (N)                   | (lbs) |
| •BLP PVC Coated | 5.6*150  | 1.1       | 0.043  | 5.6   | 0.22   | 150    | 5.9    | 350                   | 80    |
|                 | 5.6*200  |           |        |       |        | 200    | 7.9    |                       |       |
|                 | 5.6*250  |           |        |       |        | 250    | 9.8    |                       |       |
|                 | 5.6*350  |           |        |       |        | 350    | 13.8   |                       |       |
|                 | 5.6*450  |           |        |       |        | 450    | 17.7   |                       |       |
|                 | 5.6*600  |           |        |       |        | 600    | 23.6   |                       |       |
|                 | 5.6*750  |           |        |       |        | 750    | 29.5   |                       |       |
|                 | 5.6*900  |           |        |       |        | 900    | 35.4   |                       |       |
| •BLP PVC Coated | 9.0*200  | 1.1       | 0.043  | 9     | 0.35   | 200    | 7.9    | 445                   | 100   |
|                 | 9.0*250  |           |        |       |        | 250    | 9.8    |                       |       |
|                 | 9.0*300  |           |        |       |        | 300    | 11.8   |                       |       |
|                 | 9.0*400  |           |        |       |        | 400    | 15.7   |                       |       |
|                 | 9.0*500  |           |        |       |        | 500    | 19.7   |                       |       |
|                 | 9.0*650  |           |        |       |        | 650    | 25.6   |                       |       |
|                 | 9.0*800  |           |        |       |        | 800    | 31.5   |                       |       |
|                 | 9.0*1000 |           |        |       |        | 1000   | 39.4   |                       |       |

# Nylon6 Cable Ties

■ Features & Benefits

- Nylon6 cable ties are made from polyamide 6, offering good flexibility and tensile strength for general cable bundling applications. With a working temperature range of -5°C to +85°C, they are ideal for indoor and light-duty outdoor use.

■ Features:

- Cost-effective and practical solution
- Strong and secure bundling performance
- Easy to apply and widely used
- Available in multiple sizes and colors



| Item                                                                         | Details                    |
|------------------------------------------------------------------------------|----------------------------|
| Material                                                                     | Polyamide 6                |
| Material Brand                                                               | JHSPA6、HENGYI              |
| Flammability Of Raw Material                                                 | UL 94-V2                   |
| Humidity Absorption                                                          | 2,7%-2,8% (23°C -50% R.H.) |
| Installation Temperature                                                     | 5°C ~+85°C                 |
| Max Sustainable Temperature For Short Time                                   | +100°C                     |
| Recommended for indoor use, non-high-temperature, or light-duty environments |                            |

| Item No. | Width      | Length     | Max. Bundle Dia. | Min. Tensile Strength |      |       | Package | Material |
|----------|------------|------------|------------------|-----------------------|------|-------|---------|----------|
|          | (mm/inch)  | (mm/inch)  | (mm/inch)        | (N)                   | (kg) | (lbs) |         |          |
| TST-60M  | 2.5(0.098) | 60(2.36)   | 11(0.43)         | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-80M  | 2.5(0.098) | 80(3.15)   | 16(0.63)         | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-100M | 2.5(0.098) | 100(3.94)  | 22(0.87)         | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-120M | 2.5(0.098) | 120(4.72)  | 30(1.18)         | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-150M | 2.5(0.098) | 150(5.91)  | 35(1.38)         | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-160M | 2.5(0.098) | 160(6.30)  | 39.8(1.57)       | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-200M | 2.5(0.098) | 200(7.87)  | 52.5(2.07)       | 80                    | 8.2  | 18    | 100     | PA6      |
| TST-100I | 3.6(0.142) | 100(3.94)  | 22(1.30)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-120I | 3.6(0.142) | 120(4.72)  | 27(1.06)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-140I | 3.6(0.142) | 140(5.51)  | 30(1.18)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-150I | 3.6(0.142) | 150(5.91)  | 35(1.65)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-160I | 3.6(0.142) | 160(6.30)  | 39.8(1.57)       | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-180I | 3.6(0.142) | 180(7.09)  | 42(1.97)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-200I | 3.6(0.142) | 200(7.87)  | 50(2.56)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-250I | 3.6(0.142) | 250(9.84)  | 65(2.76)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-280I | 3.6(0.142) | 280(11.02) | 70(3.15)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-300I | 3.6(0.142) | 300(11.81) | 80(3.94)         | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-350I | 3.6(0.142) | 350(13.78) | 100(3.94)        | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-370I | 3.6(0.142) | 370(14.57) | 105(4.13)        | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-400I | 3.6(0.142) | 400(15.75) | 114.5(4.51)      | 180                   | 18.2 | 42    | 100     | PA6      |
| TST-500I | 3.6(0.142) | 500(19.70) | 150(5.91)        | 180                   | 18.2 | 42    | 100     | PA6      |

| Item No.    | Width       | Length      | Max. Bundle Dia. | Min. Tensile Strength |       |       | Package | Material |
|-------------|-------------|-------------|------------------|-----------------------|-------|-------|---------|----------|
|             | (mm/inch)   | (mm/inch)   | (mm/inch)        | (N)                   | (kg)  | (lbs) |         |          |
| TST-100ST   | 4.8(0.189)  | 100(3.94)   | 22(1.30)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-120ST   | 4.8(0.189)  | 120(4.72)   | 30(1.18)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-160ST   | 4.8(0.189)  | 160(6.30)   | 36.6(1.44)       | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-190ST   | 4.8(0.189)  | 190(7.48)   | 46(1.81)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-200ST   | 4.8(0.189)  | 200(7.87)   | 50(1.97)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-250ST   | 4.8(0.189)  | 250(9.84)   | 65(2.56)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-280ST   | 4.8(0.189)  | 280(11.02)  | 70(2.76)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-300ST   | 4.8(0.189)  | 300(11.81)  | 86(3.39)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-350ST   | 4.8(0.189)  | 350(13.78)  | 90(3.54)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-370ST   | 4.8(0.189)  | 370(14.57)  | 98(3.86)         | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-380ST   | 4.8(0.189)  | 380(14.96)  | 102(4.02)        | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-400ST   | 4.8(0.189)  | 400(15.75)  | 105(4.13)        | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-430ST   | 4.8(0.189)  | 430(16.93)  | 120(4.72)        | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-450ST   | 4.8(0.189)  | 450(17.72)  | 130(5.12)        | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-500ST   | 4.8(0.189)  | 500(19.69)  | 150(5.91)        | 222                   | 22.6  | 50    | 100     | PA6      |
| TST-150HD   | 7.6(0.299)  | 150(5.91)   | 35(1.57)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-200HD   | 7.6(0.299)  | 200(7.87)   | 50(1.97)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-250HD   | 7.6(0.299)  | 250(9.84)   | 65(2.56)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-280HD   | 7.6(0.299)  | 280(11.02)  | 70(2.76)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-300HD   | 7.6(0.299)  | 300(11.81)  | 80(3.15)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-350HD   | 7.6(0.299)  | 350(13.78)  | 90(3.54)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-370HD   | 7.6(0.299)  | 370(14.57)  | 98(3.86)         | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-380HD   | 7.6(0.299)  | 380(14.96)  | 102(4.02)        | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-400HD   | 7.6(0.299)  | 400(15.75)  | 105(4.13)        | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-430HD   | 7.6(0.299)  | 430(16.93)  | 120(4.72)        | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-450HD   | 7.6(0.299)  | 450(17.72)  | 130(5.12)        | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-500HD   | 7.6(0.299)  | 500(19.69)  | 105(4.13)        | 560                   | 57.1  | 130   | 100     | PA6      |
| TST-400EHD  | 9.0(0.354)  | 400(15.75)  | 150(5.91)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-430EHD  | 9.0(0.354)  | 430(16.93)  | 110(4.33)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-450EHD  | 9.0(0.354)  | 450(17.72)  | 118(4.65)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-500EHD  | 9.0(0.354)  | 500(19.69)  | 150(5.91)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-530EHD  | 9.0(0.354)  | 530(20.87)  | 155(6.10)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-550EHD  | 9.0(0.354)  | 550(21.65)  | 160(6.30)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-650EHD  | 9.0(0.354)  | 650(25.59)  | 185(7.28)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-710EHD  | 9.0(0.354)  | 710(27.95)  | 195(7.68)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-760EHD  | 9.0(0.354)  | 760(29.92)  | 205(8.07)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-820EHD  | 9.0(0.354)  | 820(32.28)  | 235(9.25)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-920EHD  | 9.0(0.354)  | 920(36.22)  | 280(11.02)       | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-1020EHD | 9.0(0.354)  | 1020(40.16) | 295(11.61)       | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-1168EHD | 9.0(0.354)  | 1168(45.98) | 340(13.39)       | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-1220EHD | 9.0(0.354)  | 1220(48.03) | 375(14.76)       | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-1350EHD | 9.0(0.354)  | 1350(53.15) | 400(15.75)       | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-1530EHD | 9.0(0.354)  | 1530(60.24) | 450(17.72)       | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-450GHD  | 10.0(0.394) | 450(17.72)  | 118(4.65)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-500GHD  | 10.0(0.394) | 500(19.69)  | 150(5.91)        | 778                   | 79.4  | 175   | 100     | PA6      |
| TST-230HSD  | 12.4(0.488) | 230(9.06)   | 57(2.24)         | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-290HSD  | 12.4(0.488) | 290(11.42)  | 76(2.99)         | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-380HSD  | 12.4(0.488) | 380(14.96)  | 103(4.07)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-480HSD  | 12.4(0.488) | 480(18.90)  | 136(5.35)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-530HSD  | 12.4(0.488) | 530(20.87)  | 156(6.14)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-580HSD  | 12.4(0.488) | 580(22.83)  | 168(6.61)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-650HSD  | 12.4(0.488) | 650(25.59)  | 195(7.68)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-750HSD  | 12.4(0.488) | 750(29.52)  | 200(7.87)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-800HSD  | 12.4(0.488) | 800(31.50)  | 230(9.06)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-850HSD  | 12.4(0.488) | 850(33.46)  | 240(9.45)        | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-920HSD  | 12.4(0.488) | 920(36.22)  | 278(10.95)       | 1140                  | 116.3 | 250   | 100     | PA6      |
| TST-1020HSD | 12.4(0.488) | 1020(40.16) | 295(11.61)       | 1140                  | 116.3 | 250   | 100     | PA6      |

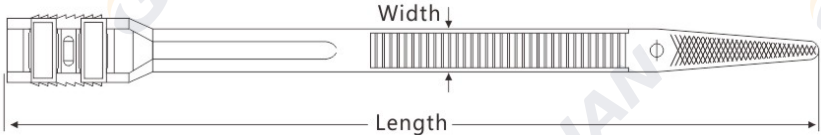
# Double Locking Cable Ties

## ■ Features & Benefits

- Double Locking Cable Ties Outside serrated function is designed to provide consistent strength in high-vibration environments, minimize abrasion on sensitive wires, cables and hoses. The gripping teeth face out instead of inside., Double Locking Cable Ties available in bulk 1000 or 500 pieces bags or smaller 100 pieces bags.



| Item                                                                                                                                                                                                                  | Details                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Material                                                                                                                                                                                                              | Polyamide 6.6/PA12/PA612    |
| Material Brand                                                                                                                                                                                                        | /                           |
| Flammability Of Raw Material                                                                                                                                                                                          | UL 94-V2 (PA12/612 UL 94HB) |
| Humidity Absorption                                                                                                                                                                                                   | 2,7%-2,8% (23°C -50% R.H.)  |
| Installation Temperature                                                                                                                                                                                              | -10°C ~ +85°C               |
| Working Temperature                                                                                                                                                                                                   | -40°C ~ +85°C               |
| Max Sustainable Temperature For Short Time                                                                                                                                                                            | +110°C                      |
| Good resistance to bases, oils, greases, oil derivatives, chlorinated solvents. Limited resistance to acids. Not resistant to phenols. Carbon black addition gives a better UV resistance (only for Black Cable Ties) |                             |



| Item No.  | Width      | Length     | Max. Bundle Dia. |        | Min. Tensile Strength |      |       | Package | Material    |
|-----------|------------|------------|------------------|--------|-----------------------|------|-------|---------|-------------|
|           | (mm/inch)  | (mm/inch)  | (mm)             | (inch) | (N)                   | (kg) | (lbs) |         |             |
| TSJ-115D  | 6.0(0.236) | 115(4.53)  | 25               | 0.98   | 350                   | 8.2  | 77    | 100     | PA66/12/612 |
| TSJ-180D  | 6.0(0.236) | 180(7.09)  | 40               | 1.57   | 350                   | 8.2  | 77    | 100     | PA66/12/612 |
| TSJ-290D  | 6.0(0.236) | 290(11.42) | 65               | 2.56   | 350                   | 8.2  | 77    | 100     | PA66/12/612 |
| TSJ-350D  | 6.0(0.236) | 350(13.79) | 90               | 3.54   | 350                   | 8.2  | 77    | 100     | PA66/12/612 |
| TSJ-132DL | 9.0(0.354) | 132(5.20)  | 35               | 1.37   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-180DL | 9.0(0.354) | 180(7.09)  | 40               | 1.57   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-260DL | 9.0(0.354) | 260(10.24) | 60               | 2.36   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-300DL | 9.0(0.354) | 300(11.81) | 75               | 2.95   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-360DL | 9.0(0.354) | 360(14.18) | 93               | 3.66   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-510DL | 9.0(0.354) | 510(20.08) | 140              | 5.51   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-610DL | 9.0(0.354) | 610(24.03) | 170              | 6.69   | 500                   | 51   | 110   | 100     | PA66/12/612 |
| TSJ-760DL | 9.0(0.354) | 760(29.92) | 220              | 8.66   | 500                   | 51   | 110   | 100     | PA66/12/612 |

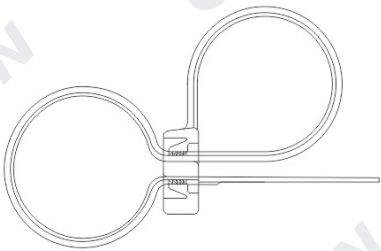
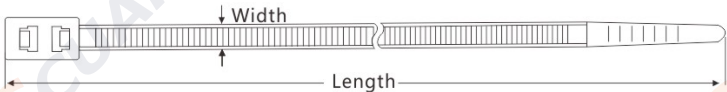
# Double Head Cable Ties

■ Features & Benefits

- The heads of the double-headed strap are designed as two independent structures with opposite teeth. The strap of the same strap can pass through the two heads in turn to form two independent and connected strapping methods, double-headed, integrated design, easy to operate. Double Head Cable Ties available in bulk 1,000 or 500 pieces bags or smaller 100 pieces bags.



| Item                                                                         | Details                    |
|------------------------------------------------------------------------------|----------------------------|
| Material                                                                     | Polyamide 6                |
| Material Brand                                                               | JHSPA6、HENGYI              |
| Flammability Of Raw Material                                                 | UL 94-V2                   |
| Humidity Absorption                                                          | 2,7%-2,8% (23°C -50% R.H.) |
| Installation Temperature                                                     | 5°C ~+85°C                 |
| Max Sustainable Temperature For Short Time                                   | +100°C                     |
| Recommended for indoor use, non-high-temperature, or light-duty environments |                            |



| Item No.  | Width      | Length     | Max. Bundle Dia. |        | Min. Tensile Strength |      |       | Package | Material |
|-----------|------------|------------|------------------|--------|-----------------------|------|-------|---------|----------|
|           | (mm/inch)  | (mm/inch)  | (mm)             | (inch) | (N)                   | (kg) | (lbs) |         |          |
| TSD-200ST | 4.8(0.189) | 200(7.87)  | 50               | 1.97   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSD-250ST | 4.8(0.189) | 250(9.84)  | 65               | 2.56   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSD-300ST | 4.8(0.189) | 300(11.81) | 80               | 3.15   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSD-350ST | 4.8(0.189) | 350(13.78) | 90               | 3.54   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSD-370ST | 4.8(0.189) | 370(14.57) | 98               | 3.86   | 222                   | 22.6 | 50    | 100     | PA66     |

# Heat Stabilized Cable Ties

■ Features & Benefits

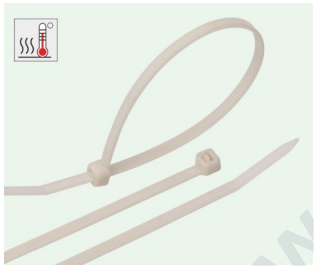
- Made of heat-stabilized nylon, these cable ties are specially designed for applications in high-temperature environments. When exposed to elevated temperatures, heat stabilized cable ties ensure secure fastening without breaking or slipping, maintaining consistent mechanical strength and reliability.

■ Features:

- Superior Heat Resistance: Effective in environments up to 130°C
- Integrated Structure: Provides consistent performance and durability
- High Tensile Strength: Secure locking mechanism for stable fastening
- Flexible Packaging Options: Bulk bags of 1,000 pcs or small bags of 50/100 pcs

■ Applications:

- Automotive and engine compartment wiring
- Power, petrochemical, and high-temperature equipment fastening
- Industrial installations and maintenance in elevated heat environments
- Railway, aerospace, and other reliability-demanding sectors



| Item                                                                                                                                                                                                                  | Details                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Material                                                                                                                                                                                                              | Polyamide 6.6 (Heat Stabilized) |
| Material Brand                                                                                                                                                                                                        | Huafon626F; In vista 4820L      |
| Flammability Of Raw Material                                                                                                                                                                                          | UL 94-V2                        |
| Humidity Absorption                                                                                                                                                                                                   | 2,7%-2,8% (23°C -50% R.H.)      |
| Installation Temperature                                                                                                                                                                                              | -10°C ~ +105°C                  |
| Max Sustainable Temperature For Short Time                                                                                                                                                                            | +130°C                          |
| Good resistance to bases, oils, greases, oil derivatives, chlorinated solvents. Limited resistance to acids. Not resistant to phenols. Carbon black addition gives a better UV resistance (only for Black Cable Ties) |                                 |

| Item No.  | Width      | Length     | Max. Bundle Dia. |        | Min. Tensile Strength |      |       | Package | Material |
|-----------|------------|------------|------------------|--------|-----------------------|------|-------|---------|----------|
|           | (mm/inch)  | (mm/inch)  | (mm)             | (inch) | (N)                   | (kg) | (lbs) |         |          |
| TSB-100M  | 2.5(0.098) | 100(3.94)  | 22               | 0.87   | 80                    | 8.2  | 18    | 100     | PA66     |
| TSB-150I  | 3.6(0.142) | 150(5.91)  | 35               | 1.65   | 180                   | 18.2 | 42    | 100     | PA66     |
| TSB-200I  | 3.6(0.142) | 200(7.87)  | 50               | 2.56   | 180                   | 18.2 | 42    | 100     | PA66     |
| TSB-200ST | 4.8(0.189) | 200(7.87)  | 50               | 1.97   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSB-300ST | 4.8(0.189) | 300(11.81) | 70               | 3.15   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSB-370ST | 4.8(0.189) | 370(14.57) | 98               | 3.86   | 222                   | 22.6 | 50    | 100     | PA66     |
| TSB-370HD | 7.6(0.299) | 370(14.57) | 98               | 3.86   | 560                   | 55.6 | 130   | 100     | PA66     |

# V-Shaped Cable Tie (Double-Sided Teeth)

■ Features & Benefits

- The V-shaped cable tie features an innovative V-shaped tooth design, providing amore secure and tighter engagement compared to the traditional straight tooth structure. The double-sided tooth design enhances the overall tensile strength by over 20% compared to single-sided teeth ties, ensuring stronger and more stable fixation. This product is particularly suitable for applications requiring high bundling strength in industrial, engineering, and electrical sectors, offering enhanced stability and reliability in challenging environments.



| Item                                                                                                                                                                                                                  | Details                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Material                                                                                                                                                                                                              | Polyamide 6.6              |
| Material Brand                                                                                                                                                                                                        | Huafon626F;Invista 4820L   |
| Flammability Of Raw Material                                                                                                                                                                                          | UL 94-V2                   |
| Humidity Absorption                                                                                                                                                                                                   | 2,7%-2,8% (23°C -50% R.H.) |
| Installation Temperature                                                                                                                                                                                              | -10°C ~ +85°C              |
| Max Sustainable Temperature For Short Time                                                                                                                                                                            | +120°C                     |
| Good resistance to bases, oils, greases, oil derivatives, chlorinated solvents. Limited resistance to acids. Not resistant to phenols. Carbon black addition gives a better UV resistance (only for Black Cable Ties) |                            |

| Item No.    | Shape              | Width      | Length     | Max. Bundle Dia. |        | Min. Tensile Strength |       |       | Package | Material |
|-------------|--------------------|------------|------------|------------------|--------|-----------------------|-------|-------|---------|----------|
|             |                    | (mm/inch)  | (mm/inch)  | (mm)             | (inch) | (N)                   | (kg)  | (lbs) |         |          |
| TSTV-300I   | Double-sided teeth | 3.6(0.142) | 300(11.81) | 80               | 3.15   | 222                   | 22.6  | 50    | 100     | PA66     |
| TSTV-200ST  | Double-sided teeth | 4.8(0.189) | 200(7.88)  | 50               | 1.97   | 311                   | 31.7  | 70    | 100     | PA66     |
| TSTV-300ST  | Double-sided teeth | 4.8(0.189) | 300(11.81) | 80               | 3.15   | 311                   | 31.7  | 70    | 100     | PA66     |
| TSTV-350ST  | Double-sided teeth | 4.8(0.189) | 350(13.79) | 90               | 3.54   | 311                   | 31.7  | 70    | 100     | PA66     |
| TSTV-450ST  | Double-sided teeth | 4.8(0.189) | 450(17.73) | 130              | 5.12   | 311                   | 31.7  | 70    | 100     | PA66     |
| TSTV-300HD  | Double-sided teeth | 7.6(0.299) | 300(11.81) | 80               | 3.15   | 890                   | 90.6  | 200   | 100     | PA66     |
| TSTV-610EHD | Double-sided teeth | 8.8(0.346) | 610(24.03) | 170              | 6.69   | 578                   | 58.9  | 130   | 100     | PA66     |
| TSTV-610HSD | Standard           | 12.7(0.51) | 610(24.03) | 170              | 6.69   | 2225                  | 226.8 | 500   | 100     | PA66     |

# Cold-pressed Terminals Introduction

| APPLICABLE<br>TERMINALS | AREA mm' IN SULATED COLOR CODE |  |                   |                   |                       | WIRE SIZE |     |                  |               | TENSILE STRENGTH  |                 | MAX<br>CURRENT<br>(A) |
|-------------------------|--------------------------------|--|-------------------|-------------------|-----------------------|-----------|-----|------------------|---------------|-------------------|-----------------|-----------------------|
|                         |                                |  |                   |                   |                       | mm²       | AWG | DIAMETER<br>(mm) | AREA<br>(mm²) | JIS-2805<br>(kgf) | UL-486<br>(kgf) |                       |
| 0.5                     | 0.10-0.4<br>Yellow             |  |                   |                   |                       | 0.12      | 26  | 0.405            | 0.129         |                   | 1.37            |                       |
|                         |                                |  |                   |                   |                       | 0.2       | 24  | 0.511            | 0.205         |                   | 2.27            |                       |
|                         |                                |  |                   |                   |                       | 0.3       | 22  | 0.644            | 0.326         |                   | 3.63            | 9                     |
| 1.25                    | 0.25-1.65<br>Red               |  |                   |                   |                       | 0.5       | 20  | 0.812            | 0.518         |                   | 5.9             | 12                    |
|                         |                                |  |                   |                   |                       | 0.75      | 18  | 1.024            | 0.823         |                   | 9.07            | 17                    |
|                         |                                |  |                   |                   |                       | 1.25      | 16  | 1.291            | 1.309         | 20.4              | 13.61           | 19                    |
| 2                       |                                |  | 1.04-2.63<br>Blue |                   |                       | 2         | 14  | 1.628            | 2.081         | 29.58             | 22.68           | 27                    |
| 3.5                     |                                |  |                   | 2.63-4.6<br>Black |                       | 3.5       | 12  | 2.053            | 3.31          | 55.08             | 31.75           | 37                    |
| 5.5                     |                                |  |                   |                   | 2.63-6.64<br>Yellow   | 5.5       | 10  | 2.588            | 5.26          | 79.56             | 36.29           | 48                    |
| 8                       |                                |  |                   |                   | 6.64-10.52<br>Red     | 8         | 8   | 3.264            | 8.368         | 99.968            | 40.82           | 62                    |
| 14                      |                                |  |                   |                   | 10.52-16.78<br>Blue   | 14        | 6   | 4.115            | 13.3          | 142.8             | 45.36           | 88                    |
| 22                      |                                |  |                   |                   | 16.78-26.66<br>Yellow | 22        | 4   | 5.189            | 21.15         | 183.6             | 63.5            | 115                   |
| 38                      |                                |  |                   |                   | 26.66-42.42<br>Red    | 38        | 2   | 6.54             | 33.6          | 255               | 81.65           | 160                   |
| 60                      |                                |  |                   |                   | 42.42-60.57<br>Blue   | 60        | 1/0 | 8.4              | 55.5          | 326.4             | 113.4           | 215                   |
| 80                      |                                |  |                   |                   | 76.28-96.30<br>Yellow | 80        | 3/0 | 10.4             | 84.95         | 357               | 158.75          | 255                   |
| 100                     |                                |  |                   |                   | 96.30-117.2<br>Red    | 100       | 4/0 | 11.68            | 107.15        | 397.8             | 204.11          | 300                   |
| 150                     |                                |  |                   |                   | 117.20-152.05         | 150       | 300 | 19.91            | 151.95        | 418.2             | 249.47          | 395                   |
| 200                     |                                |  |                   |                   | 192.60-242.27         | 200       | 400 | 16.06            | 202.6         | 448.8             | 294.83          | 470                   |
| 325                     |                                |  |                   |                   | 242.27-325.0          | 325       | 600 | 19.67            | 303.9         | 489.6             | 408.22          | 650                   |

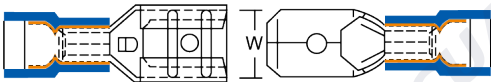
Note: Advise to use standard electrical wires or which have attestation to work together with Guchuan products.

STUD SIZE

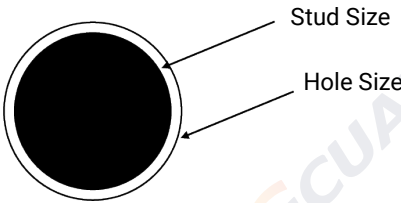
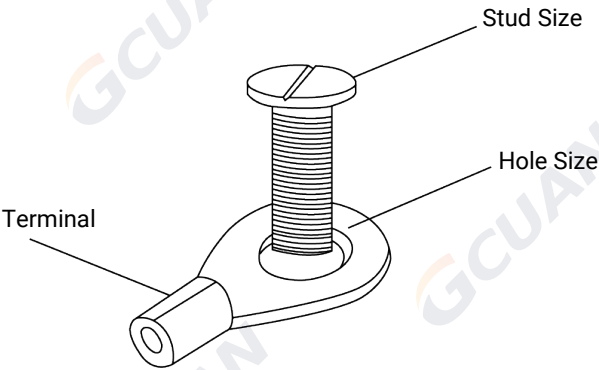
| STANDARD SIZE                                                                     | STUD SIZE |      | HOLE SIZE |        |
|-----------------------------------------------------------------------------------|-----------|------|-----------|--------|
|                                                                                   | (inch)    | (mm) | (mm)      | (inch) |
|  | #2        | 2    | 2.2       | .087"  |
|  | #3        | 2.5  | 2.7       | .106"  |
|  | #4        | 3    | 3.2       | .126"  |
|  | #6        | 3.5  | 3.7       | .146"  |
|  | #8        | 4    | 4.3       | .169"  |
|  | #10       | 5    | 5.3       | .209"  |
|  | 1/4"      | 6    | 6.4       | .252"  |
|  | 5/16"     | 8    | 8.4       | .331"  |
|  | 3/8"      | 10   | 10.5      | .413"  |
|  | 7/16"     | 11   | 11.5      | .453"  |
|  | 1/2"      | 12   | 13        | .512"  |
|  | 9/16"     | 14   | 15        | .591"  |
|  | 5/8"      | 16   | 17        | .669"  |
|  | 11/16"    | 18   | 19        | .748"  |
|  | 3/4"      | 20   | 21        | .827"  |
|  | 7/8"      | 22   | 23        | .906"  |
|  | 15/16"    | 24   | 25        | .984"  |

TAB SIZE

| SERIES | TAB SIZE (w) |          |
|--------|--------------|----------|
|        | (inch)       | (mm)     |
| 110    | .110×.020"   | 2.8×0.5  |
|        | .110×.032"   | 2.8×0.8  |
| 187    | .187×.020"   | 4.75×0.5 |
|        | .187×.032"   | 4.75×0.8 |
| 205    | .205×.020"   | 5.2×0.5  |
|        | .205×.032"   | 5.2×0.8  |
| 250    | .250×.032"   | 6.35×0.8 |
| 312    | .312×.032"   | 8.0×0.8  |
| 375    | .375×.047"   | 9.4×1.2  |



STUD SIZE CHART



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