

## Copper, Two Hole, Long Barrel Compression Lug, Blank Tang

### Features

- Manufactured from high strength seamless copper tubing
- Chamfered entry
- Color coded die index and crimp marks
- Electro-Tin plated for corrosion resistance
- UL486A/B Listed for Wire Connectors
- UL467 Listed for grounding and bonding applications
- UL Listed and CSA Certified with competitor's compression tools
- Listed for use with class B & C, flex class G, H, I, K, M & DLO cable

### Standard Material

- Copper

### Standard Finish

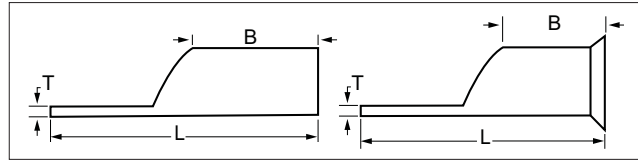
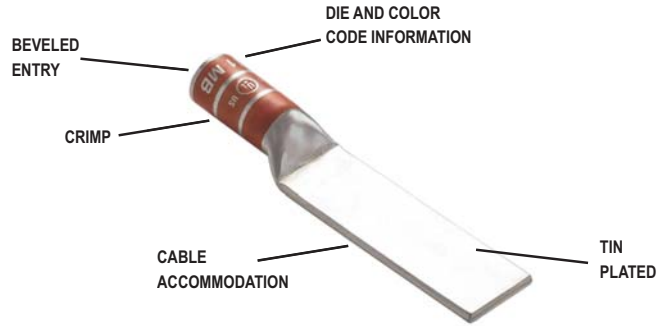
- Electro-tin plated

### Electrical Rating

- Voltage Rating: 600 V
- Maximum Circuit Rating: 35 kV
- Temperature Rating: 90°C

### We Supply

- Prefix 'F' for flared entry (eg. FXXXXX)
- Prefix 'P' for inspection window (eg. PXXXXX)



## For Use With Copper Conductor Only

| Catalog ID | Conductor |     | Stud Size | Tang Width | Dimensions In Inches |      |      | Color Code | • Installation Tooling                          |                                     |                                  |                 |        | Dieless                                                                           |
|------------|-----------|-----|-----------|------------|----------------------|------|------|------------|-------------------------------------------------|-------------------------------------|----------------------------------|-----------------|--------|-----------------------------------------------------------------------------------|
|            | AWG       | MM² |           |            | L                    | B    | T    |            | Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI | IlSCO ILC-12-N, ILC-12-H-N, ILCB-12 | Huskie Model - EP-510C Die Index | Greenlee HK1240 |        |                                                                                   |
| BT98083    | 8         | 10  | #10       | 0.42       | 2.19                 | 0.81 | 0.08 | RED        | U8CTR                                           | ILD - 2                             | ILD - 21                         | NA              | KC12-8 | Burndy Dieless - PAT444S & PAT4PC834LI.                                           |
| BT98084    |           |     | 1/4       | 0.42       | 2.19                 | 0.81 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98084B   |           |     | 1/4       | 0.55       | 2.74                 | 0.81 | 0.06 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98084C   |           |     | 1/4       | 0.42       | 2.74                 | 0.81 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98084D   |           |     | 3/8       | 0.42       | 2.30                 | 0.81 | 0.06 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98084A   |           |     | 3/8       | 0.55       | 3.92                 | 0.81 | 0.06 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98084E   |           |     | 5/16      | 0.55       | 3.92                 | 0.81 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98085    | 6         | -   | 1/4       | 0.42       | 2.36                 | 0.98 | 0.08 | BLUE       | U5CRT<br>U8CABT                                 | ILD - 3                             | ILD - 24                         | HT41AT / HT41GL | KC12-6 | IlSCO Dieless - IDT-6, IDT-6H, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98085A   |           |     | 1/4       | 0.42       | 2.24                 | 0.98 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98085B   |           |     | 1/2       | 0.83       | 4.09                 | 0.98 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98085C   |           |     | 1/4       | 0.42       | 2.48                 | 0.98 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98085D   |           |     | 3/8       | 0.55       | 2.91                 | 0.98 | 0.06 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98085E   |           |     | 3/8       | 0.55       | 2.72                 | 0.98 | 0.06 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98086    | 4         | -   | 1/4       | 0.49       | 2.36                 | 0.98 | 0.09 | GRAY       | U4CRT<br>U6CABT                                 | ILD - 4                             | ILD - 29                         | HT41AU / HT41GE | KC12-4 |                                                                                   |
| BT98086A   |           |     | 3/8       | 0.55       | 2.91                 | 0.98 | 0.07 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98086B   |           |     | 1/4       | 0.49       | 2.48                 | 0.98 | 0.09 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98086C   |           |     | 5/16      | 0.55       | 2.91                 | 0.98 | 0.07 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98086D   |           |     | 1/4       | 0.49       | 2.91                 | 0.98 | 0.09 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98086E   |           |     | 3/8       | 0.55       | 2.91                 | 0.98 | 0.07 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98087    | 3         | 25  | 1/2       | 0.87       | 4.09                 | 0.98 | 0.12 | WHITE      | U2CRT                                           | -                                   | 29                               | HT41AW          | -      |                                                                                   |
| BT98087A   |           |     | 5/16      | 0.55       | 2.87                 | 1.10 | 0.09 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98087B   |           |     | 3/8       | 0.59       | 3.07                 | 1.10 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98087C   |           |     | 1/4       | 0.50       | 2.52                 | 1.10 | 0.09 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98087D   |           |     | 1/4       | 0.50       | 2.64                 | 1.10 | 0.09 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98088    | 2         | 25  | 5/16      | 0.60       | 2.87                 | 1.10 | 0.10 | BROWN      | U2CRT                                           | ILD - 7                             | ILD - 33                         | HT41AW          | KC12-2 | Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID                                   |
| BT98088A   |           |     | 3/8       | 0.60       | 3.07                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98088B   |           |     | 1/4       | 0.60       | 2.52                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98088C   |           |     | 1/4       | 0.60       | 2.64                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98088D   |           |     | 1/4       | 0.60       | 3.07                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98088E   |           |     | 3/8       | 0.60       | 2.87                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98088F   |           |     | 3/8       | 0.60       | 4.25                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98089    |           |     | 5/16      | 0.60       | 2.87                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98089A   |           |     | 5/16      | 0.60       | 2.87                 | 1.10 | 0.10 |            |                                                 |                                     |                                  |                 |        |                                                                                   |
| BT98090    |           |     | 1/2       | 0.81       | 4.25                 | 1.10 | 0.08 |            |                                                 |                                     |                                  |                 |        |                                                                                   |

## Copper, Two Hole, Long Barrel Compression Lug, Blank Tang

| Catalog ID | Conductor |     | Stud Size | Tang Width | Dimensions In Inches |      |      | Color Code | • Installation Tooling                          |                                    |                                  |                 |          | Dieless                                                                  |
|------------|-----------|-----|-----------|------------|----------------------|------|------|------------|-------------------------------------------------|------------------------------------|----------------------------------|-----------------|----------|--------------------------------------------------------------------------|
|            | AWG       | MM² |           |            | L                    | B    | T    |            | Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI | Ilco ILC-12-N, ILC-12-H-N, ILCB-12 | Huskie Model - EP-510C Die Index | Greenlee HK1240 |          |                                                                          |
| BT98091    | 1         | 50  | 1/4       | 0.67       | 2.56                 | 1.10 | 0.11 | GREEN      | U1CRT<br>U4CABT                                 | ILD - 7                            | ILD - 37                         | HT41AX          | KC12-1   | Burndy Dieless - PAT444S & PAT4PC834LI.                                  |
| BT98091A   |           |     | 3/8       | 0.67       | 3.11                 | 1.10 | 0.11 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98091B   |           |     | 1/4       | 0.67       | 2.68                 | 1.10 | 0.11 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98091C   |           |     | 5/16      | 0.67       | 2.91                 | 1.10 | 0.11 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98092    |           |     | 3/8       | 0.67       | 2.91                 | 1.10 | 0.11 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98093    |           |     | 1/2       | 0.75       | 4.29                 | 1.10 | 0.10 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98094    | 1/0       | -   | 5/16      | 0.74       | 3.01                 | 1.20 | 0.13 | PINK       | U25RT<br>U2CART                                 | ILD - 8                            | ILD - 42                         | HT41AY          | KC12-1/0 | Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98094A   |           |     | 3/8       | 0.74       | 3.01                 | 1.20 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98095    |           |     | 3/8       | 0.74       | 3.21                 | 1.20 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98095A   |           |     | 1/4       | 0.74       | 2.66                 | 1.20 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98095B   |           |     | 3/8       | 0.74       | 3.01                 | 1.20 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98095C   |           |     | 3/8       | 0.74       | 4.39                 | 1.20 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98096    | 2/0       | 70  | 1/2       | 0.74       | 4.39                 | 1.20 | 0.13 | BLACK      | U26RT                                           | ILD - 10                           | ILD - 45                         | HT41AZ          | KC12-2/0 | Greenlee & NS Dieless - HK12ID, EK12IDL, N12ID                           |
| BT98097    |           |     | 3/8       | 0.81       | 3.43                 | 1.38 | 0.12 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98097A   |           |     | 1/4       | 0.81       | 2.99                 | 1.38 | 0.12 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98097B   |           |     | 1/4       | 0.81       | 2.87                 | 1.38 | 0.12 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98097C   |           |     | 1/4       | 0.81       | 3.43                 | 1.38 | 0.12 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98097D   |           |     | 3/8       | 0.81       | 4.61                 | 1.38 | 0.12 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98098    | 3/0       | -   | 1/2       | 0.81       | 4.61                 | 1.38 | 0.12 | ORANGE     | U27RT                                           | ILD - 10                           | ILD - 50                         | HT41BA          | KC12-3/0 | Burndy Dieless - PAT444S & PAT4PC834LI.                                  |
| BT98099    |           |     | 5/16      | 0.90       | 3.50                 | 1.38 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98099A   |           |     | 3/8       | 0.90       | 3.50                 | 1.38 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98099B   |           |     | 1/4       | 0.90       | 3.07                 | 1.38 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98099C   |           |     | 1/4       | 0.90       | 2.95                 | 1.38 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98100    |           |     | 3/8       | 0.90       | 4.69                 | 1.38 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98100A   | 4/0       | -   | 1/2       | 0.90       | 4.69                 | 1.38 | 0.13 | PURPLE     | U28RT                                           | ILD - 12                           | ILD - 54                         | HT41BC          | KC12-4/0 | Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98101    |           |     | 3/8       | 1.00       | 3.54                 | 1.42 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98101A   |           |     | 1/4       | 1.00       | 3.11                 | 1.42 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98101B   |           |     | 3/8       | 1.00       | 2.99                 | 1.42 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98101C   |           |     | 1/4       | 1.00       | 4.72                 | 1.42 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98102    |           |     | 1/2       | 1.00       | 4.72                 | 1.42 | 0.13 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98103    | 250       | -   | 3/8       | 1.09       | 3.78                 | 1.61 | 0.15 | YELLOW     | U29RT                                           | ILD - 13                           | ILD - 62                         | HT41BE          | KC12-250 | Greenlee & NS Dieless - HK12ID, EK12IDL, N12ID                           |
| BT98104    |           |     | 1/2       | 1.09       | 4.96                 | 1.61 | 0.15 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98105    | 300       | 150 | 1/2       | 1.19       | 5.31                 | 1.97 | 0.15 | WHITE      | U30RT<br>U28ART                                 | ILD - 14                           | ILD - 66                         | HT41BE          | KC12-300 | Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98105A   |           |     | 3/8       | 1.19       | 4.13                 | 1.97 | 0.15 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98106    | 350       | 185 | 1/2       | 1.28       | 5.39                 | 1.97 | 0.17 | RED        | -                                               | ILD - 14                           | ILD - 71                         | HT41BJ          | KC12-350 | Greenlee & NS Dieless - HK12ID, EK12IDL, N12ID                           |
| BT98106A   |           |     | 3/8       | 1.28       | 4.21                 | 1.97 | 0.17 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98107    | 400       | -   | 1/2       | 1.39       | 5.47                 | 1.97 | 0.18 | BLUE       | U32RT<br>U30ART                                 | ILD - 16                           | ILD - 67                         | HT41BK          | KC12-400 | Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98107A   |           |     | 3/8       | 1.39       | 4.29                 | 1.97 | 0.18 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98108    | 500       | 240 | 1/2       | 1.54       | 5.75                 | 2.24 | 0.22 | BROWN      | U34RT<br>U32ART                                 | ILD - 16A                          | ILD - 87                         | HT41BL          | KC12-500 | Greenlee & NS Dieless - HK12ID, EK12IDL, N12ID                           |
| BT98108A   |           |     | 3/8       | 1.54       | 4.57                 | 2.24 | 0.22 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98109    | 600       | 300 | 1/2       | 1.72       | 5.79                 | 2.24 | 0.25 | GREEN      | U36RT<br>U32ART                                 | ILD - 17                           | ILD - 94                         | HT41HH / HT41BM | KC12-600 | Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98109A   |           |     | 3/8       | 1.72       | 4.61                 | 2.24 | 0.25 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98109B   | 700       | -   | 1/2       | 1.77       | 6.30                 | 2.64 | 0.27 | PINK       | -                                               | -                                  | -                                | -               | -        | Greenlee & NS Dieless - HK12ID, EK12IDL, N12ID                           |
| BT98109C   |           |     | 5/8       | 1.77       | 6.30                 | 2.64 | 0.27 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98110    | 750       | -   | 1/2       | 1.90       | 6.30                 | 2.64 | 0.27 | BLACK      | U39RT                                           | ILD - 18                           | ILD - 106                        | HT41BP          | KC12-750 | Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6 |
| BT98110A   |           |     | 3/8       | 1.90       | 5.12                 | 2.64 | 0.27 |            |                                                 |                                    |                                  |                 |          |                                                                          |
| BT98110B   | 1000      | 500 | 1/2       | 2.18       | 6.81                 | 3.15 | 0.33 | WHITE      | -                                               | -                                  | -                                | -               | -        | Greenlee & NS Dieless - HK12ID, EK12IDL, N12ID                           |
| BT98110C   |           |     | 5/8       | 2.18       | 6.81                 | 3.15 | 0.33 |            |                                                 |                                    |                                  |                 |          |                                                                          |

## Crimping Instructions

- Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table.
- Strip the insulation from the cable to a length so that the stripped area of the cable can be completely inserted into and fill the barrel of the lug or splice. Carefully strip the insulation from the cable without nicking the strands.
- Clean the stripped portion of the cable to remove oxide films.
- The stripped portion of the cable must be clean and inserted completely into the connector barrel.
- Using the tool and die combination specified for that connector in the table above, install crimps, leaving a space of 1/8 inch minimum between successive crimps.

For Short Barrel Connectors, apply 1 crimp,  
For Long Barrel Connectors, apply 2 crimps on the color coded bands

**NOTE:** All Dimensions shows are for reference only.

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)