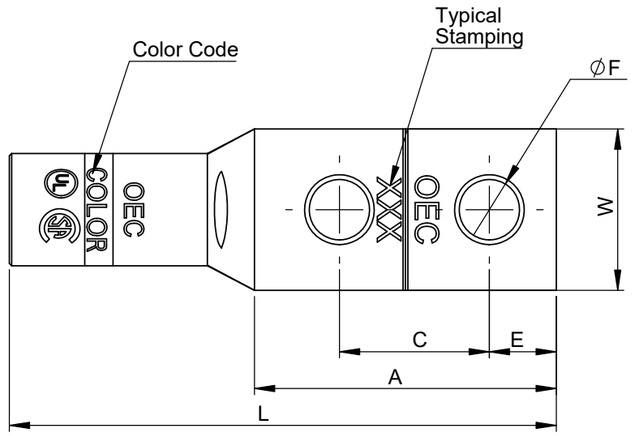
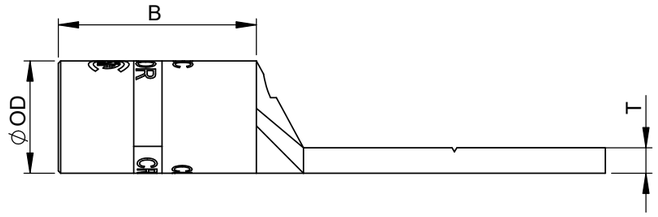
| Catalog Id | | Conductor | | | Stud Size | Dimensions | | | | | | | | | Color Code | Installation Tooling | | | | | Dieless |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Without Flared Barrel (Fig-1) | With Flared Barrel (Fig-2) | AWG | Flex Conductor G,H,I,K,M & DLO | Expanded Cod. Range | | OD | L | B | A | W | T | ∅F | E | C | | Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI | Ilsco ILC-12-N, ILC-12-H-N, ILCB-12 | | Huskie Model - EP-510C Die Index | Greeniee HK1240 | |
| BA98063 | FBA98063 | 750 | 600 (G,H,I,M) 646(DLO) | 750 - 500 | 1/2 | 1.31 [33.30] | 5.51 [140.00] | 1.85 [47.00] | 2.99 [76.00] | 1.90 [48.30] | 0.27 [6.80] | 0.51 [13.00] | 0.62 [15.70] | 1.75 [44.50] | Black | U39RT | ILD - 18 | ILD - 106 | HT41BP | KC12-750 | Burndy Dieless - PAT444S & PAT4PC834LI.<br>Ilsco Dieless -IDT-6, IDT-6H, IDTB-6, IDTB-6-LIO, TB-6DF1000-P,IDT-12-N, IVTB-6.<br>Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID. |
| BA98063A | FBA98063A | | | | 5/8 | 1.31 [33.30] | 5.51 [140.00] | 1.85 [47.00] | 2.99 [76.00] | 1.90 [48.30] | 0.27 [6.80] | 0.67 [17.00] | 0.62 [15.70] | 1.75 [44.50] | | | | | | | |



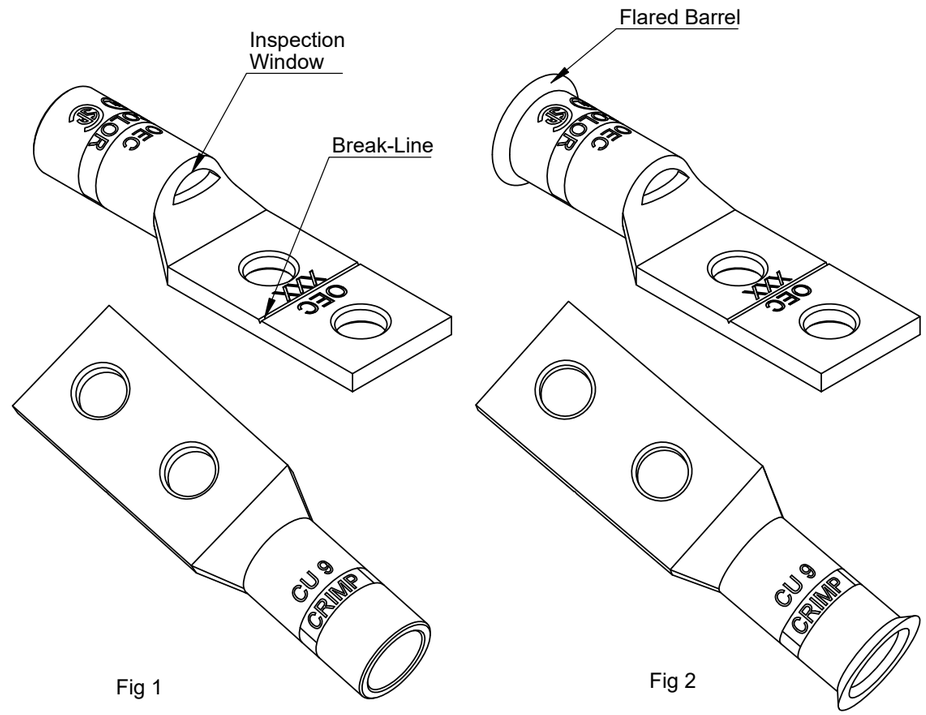




Fig 1

Fig 2

Note:
- Manufactured from high strength seamless Copper tubing
- Color coded die index and crimp marks
- Electro-Tin plated for corrosion resistance
- Pre-filled with oxide inhibitor and capped with color coded cap.
- UL486A/B Listed for Wire Connectors
- 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

## 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

| TOLERANCE | | | | | |
|---|---|---|---|---|---|
| OD | L | B | A | W | ∅F |
| ±0.20 | ±1.0 | ±0.50 | ±0.50 | ±1.0 | ±0.20 |

TOLERANCES-UNLESS OTHERWISE SPECIFIED
2 PL. DEC. ±.015 TRUE C.L. ±.015
3 PL. DEC. ±.015 ANGLES ±.015

| | NAME | DATE |
|---|---|---|
| DRAWN | R.P | 01.03.25 |
| CHECK | S.P. | 01.03.25 |
| APPROVED | M.K. | 01.03.25 |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DWG. NO. OC-0007
PROJECTION: FIRST ANGLE
SIZE A3
TITLE: Copper Two Hole Standard Barrel Compression Lug Break-Away
MATERIAL Refer Note
FINISH Refer Note
Cat Id. BA98063 - BA98063A
REV
DO NOT SCALE DRAWING
SHEET 18 OF 19

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