

# Welded Connectors

## WL Tubing Run - Tap

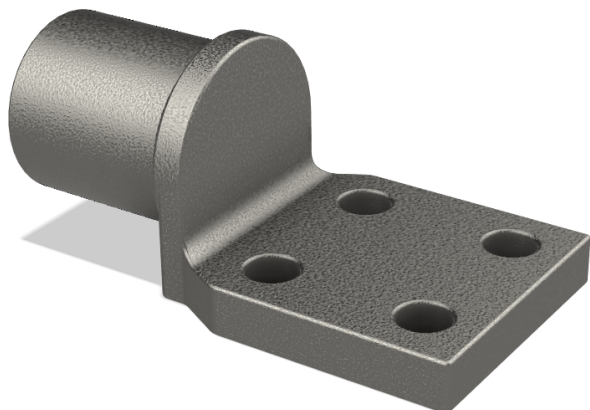


Fig. 1

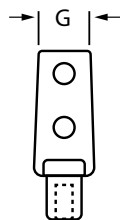


Fig. 2

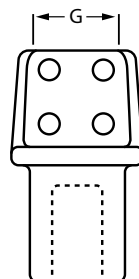
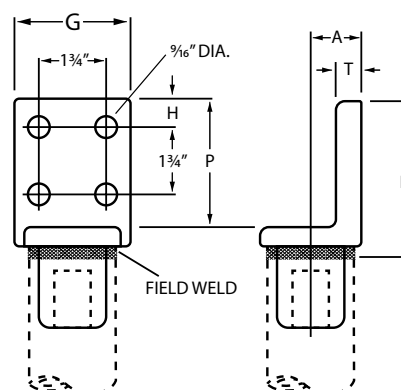


Fig. 4

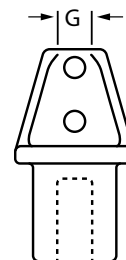
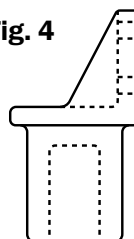


Fig. 3

Type WL welding terminal lug is designed to join a tubular bus to a switch or terminal. The tubular section of the lug fits neatly inside the tubular conductor and is field welded where the conductor meets the flat surface of the terminal lug's vertical wall. Lugs shown in figures #3 and #4 have support ribs for additional strength. Lugs without support ribs can be supplied on request. Specify bus support span when ordering.

| S.P.S.<br>TUBING | RATED SWITH<br>AMP CAPACITY | CATALOG<br>NUMBER | FIGURE<br>NUMBER | DIMENSIONS IN INCHES |       |       |         |       |       |
|------------------|-----------------------------|-------------------|------------------|----------------------|-------|-------|---------|-------|-------|
|                  |                             |                   |                  | A                    | G     | H     | L       | P     | T     |
| 2                | 400 & 600                   | WL-160-AL         | 1                | 1 5/16               | 1 1/2 | 5/8   | 3 15/16 | 3 1/4 | 9/16  |
| 2                | 1200                        | WL-161-AL         | 2                | 1 5/16               | 3     | 5/8   | 3 15/16 | 3 1/4 | 9/16  |
| 2                | 2000                        | WL-162-AL         | 2                | 1 5/16               | 4     | 1 1/8 | 4 15/16 | 4 1/4 | 9/16  |
| 2 1/2            | 400 & 600                   | WL-169-AL         | 3                | 1 9/16               | 1 1/2 | 5/8   | 4       | 3 1/4 | 9/16  |
| 2 1/2            | 1200                        | WL-170-AL         | 4                | 1 9/16               | 3     | 5/8   | 4       | 3 1/4 | 9/16  |
| 2 1/2            | 2000                        | WL-171-AL         | 4                | 1 9/16               | 4     | 1 1/8 | 5       | 4 1/4 | 9/16  |
| 3                | 400 & 600                   | WL-179-AL         | 3                | 1 7/8                | 1 1/2 | 5/8   | 4       | 3 1/4 | 5/8   |
| 3                | 1200                        | WL-180-AL         | 4                | 1 7/8                | 3     | 5/8   | 4       | 3 1/4 | 5/8   |
| 3                | 2000                        | WL-181-AL         | 4                | 1 7/8                | 4     | 1 1/8 | 5       | 4 1/4 | 5/8   |
| 3 1/2            | 400 & 600                   | WL-188-AL         | 3                | 2 1/8                | 1 1/2 | 5/8   | 4 1/8   | 3 1/4 | 11/16 |
| 3 1/2            | 1200                        | WL-189-AL         | 4                | 2 1/8                | 3     | 5/8   | 4 1/8   | 3 1/4 | 11/16 |
| 3 1/2            | 2000                        | WL-190-AL         | 4                | 2 1/8                | 4     | 1 1/8 | 5 1/8   | 4 1/4 | 11/16 |
| 4                | 400 & 600                   | WL-191-AL         | 3                | 2 3/8                | 1 1/2 | 5/8   | 4 1/8   | 3 1/4 | 11/16 |
| 4                | 1200                        | WL-199-AL         | 4                | 2 3/8                | 3     | 5/8   | 4 1/8   | 3 1/4 | 11/16 |
| 4                | 2000                        | WL-200-AL         | 4                | 2 3/8                | 4     | 1 1/8 | 5 1/8   | 4 1/4 | 11/16 |
| 5                | 400 & 600                   | WL-201-AL         | 3                | 2 29/32              | 1 1/2 | 5/8   | 4 1/8   | 3 1/4 | 3/4   |
| 5                | 1200                        | WL-209-AL         | 4                | 2 29/32              | 3     | 5/8   | 4 1/8   | 3 1/4 | 3/4   |
| 5                | 2000                        | WL-210-AL         | 4                | 2 29/32              | 4     | 1 1/8 | 5 1/8   | 4 1/4 | 3/4   |
| 6                | 400 & 600                   | WL-211-AL         | 3                | 3 7/16               | 1 1/2 | 5/8   | 4 7/16  | 3 1/4 | 3/4   |
| 6                | 1200                        | WL-219-AL         | 4                | 3 7/16               | 3     | 5/8   | 4 7/16  | 3 1/4 | 3/4   |
| 6                | 2000                        | WL-220-AL         | 4                | 3 7/16               | 4     | 1 1/8 | 5 7/16  | 4 1/4 | 3/4   |

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