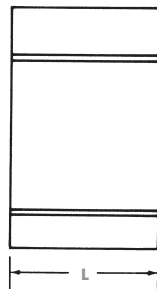


## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



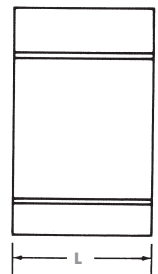
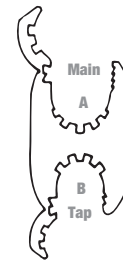
| Cat. No. | Connector No. | Conductor Range    |      |      |      |      |      |                   |      |          |      |       |       | Connector Length L (in.) | Installation Information |             |           |      |      |
|----------|---------------|--------------------|------|------|------|------|------|-------------------|------|----------|------|-------|-------|--------------------------|--------------------------|-------------|-----------|------|------|
|          |               | Standard Conductor |      |      |      |      |      | Compact Conductor |      |          |      |       |       |                          | Connector Die            | No. Indents |           |      |      |
|          |               | Main               |      |      | Tap  |      |      | Main              |      |          | Tap  |       |       |                          |                          | Mech. Tool  | Hyd. Tool |      |      |
|          |               | ACSR               | Str. | Sol. | ACSR | Str. | Sol. | ACSR              | Str. | ACSR     | Str. | Max.  | Min.  |                          |                          |             |           | Max. | Min. |
| WR159    | 1             | 2                  | 2    | 2    |      |      | 2    | 2                 | 2    | 2        |      | 0.332 | 0.162 |                          |                          | 1-7/16      | 0         | 4    |      |
| WR189    | 2             | 1/0                | 2/0  | 3/0  | 2    | 1    |      | 2/0               | 2/0  |          |      | 0.419 | 0.266 | 0.332                    | 0.162                    | 1-11/16     |           |      |      |
| WR289    | 3             | 2/0                | 3/0  | 4/0  |      |      |      | 3/0               | 3/0  |          |      | 0.470 | 0.398 |                          |                          |             |           | 5    | 2    |
| WR279    | 4             | 1/0                | 2/0  | 3/0  | 2/0  | 3/0  | 3/0  | 2/0               | 2/0  | 2/0      | 2/0  | 0.336 | 0.470 | 0.36                     |                          | 1-13/16     |           |      |      |
| WR379    | 5             | 4/0                | 4/0  |      | 2    | 1    |      | 266-18/1          | 266  |          |      | 0.475 | 0.332 | 0.162                    |                          |             |           |      |      |
| WR399    | 6             | 3/0                | 4/0  |      | 2/0  | 2/0  | 3/0  | 266-18/1          | 266  | 2/0      | 3/0  | 0.563 | 0.447 | 0.338                    |                          | 2-3/16      |           | 6    |      |
| WR419    | 7             | 3/0                | 3/0  |      | 4/0  | 4/0  | 3/0  | 4/0               | 250  | 266-18/1 | 266  | 0.461 | 0.563 | 0.461                    |                          | 2-7/16      |           | 7    | 3    |

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### Supplemental “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range         |                           |                  |                         |                                |             |                           |             |                                |                      |                |       |       |       | Connector Length L (in.) | Installation Information |             |           |
|----------|-------------------------|---------------------------|------------------|-------------------------|--------------------------------|-------------|---------------------------|-------------|--------------------------------|----------------------|----------------|-------|-------|-------|--------------------------|--------------------------|-------------|-----------|
|          | Standard Conductor      |                           |                  |                         |                                |             | Compact Conductor         |             |                                |                      | Diameter (in.) |       |       |       |                          | Connector Die            | No. Indents |           |
|          | Main                    |                           |                  | Tap                     |                                |             | Main                      |             | Tap                            |                      | Main           |       | Tap   |       |                          |                          | Mech. Tool  | Hyd. Tool |
|          | ACSR                    | Str.                      | Sol.             | ACSR                    | Str.                           | Sol.        | ACSR                      | Str.        | ACSR                           | Str.                 | Max.           | Min.  | Max.  | Min.  |                          |                          |             |           |
| WR149    | 4<br>4<br>6             | 3<br>4<br>6               | 2<br>3<br>4<br>6 |                         | 3<br>4<br>6                    | 2<br>3<br>6 | 4<br>6                    | 2<br>3<br>6 | 3<br>4<br>6                    | 2<br>3<br>6          | 0.266          | 0.162 | 0.266 | 0.162 | 1-1/2                    | 0                        | 5           | 2         |
| WR179    | 1/0<br>1<br>2<br>3      | 1/0<br>1<br>2             | 1                | 4<br>6                  | 3<br>4<br>6                    | 4<br>6      | 1/0<br>1<br>2             |             | 4<br>6                         | 4<br>6               | 0.398          | 0.266 | 0.066 | 0.332 | 1-3/4                    |                          |             |           |
| WR199    | 1/0<br>1<br>2<br>3      | 1/0<br>1<br>2             | 1                | 2<br>3<br>4             | 1<br>2<br>3<br>4               | 1<br>2      | 2/0<br>1/0<br>1<br>4      | 2           | 1<br>2<br>3<br>4               | 1<br>2               | 0.419          | 0.232 | 0.232 | 0.419 | 1-3/4                    |                          |             |           |
| WR1010   | 1/0<br>1<br>2<br>3<br>4 | 2/0<br>1/0<br>1<br>2<br>4 | 1<br>2           | 1/0<br>1<br>2<br>3<br>4 | 2/0<br>1/0<br>1<br>2<br>3<br>4 | 1<br>2      | 2/0<br>1/0<br>1<br>2<br>4 | 2           | 2/0<br>1/0<br>1<br>2<br>3<br>4 | 2/0<br>1/0<br>1<br>2 | 0.419          | 0.232 | 0.419 | 0.232 | 1-7/8                    | D                        | 5           | 2         |
| WR259    | 1/0<br>1                | 2/0<br>1/0                |                  | 1/0<br>1                | 2/0<br>1/0                     | -           | 2/0<br>1/0                | 2/0<br>1/0  | 2/0<br>1/0                     | 2/0<br>1/0           | 0.326          | 0.412 | 0.292 | 1-7/8 |                          |                          |             |           |
| WR299    | 2/0<br>1/0              | 3/0<br>2/0                |                  | 4<br>6                  | 3<br>4<br>6                    | 2<br>3<br>6 | 3/0<br>2/0                | 3/0         | 4<br>6                         | 3<br>4<br>6          | 0.470          | 0.398 | 0.266 | 0.162 | 1-1/2                    |                          |             |           |
| WR219    | 1/0<br>1                | 1/0<br>1                  |                  | 1/0<br>1<br>2           | 1/0<br>1                       | -           | 1/0                       | 2/0<br>1/0  | 1/0                            | 2/0<br>1/0           | 0.398          | 0.324 | 0.398 | 0.316 | 1-7/8                    |                          |             |           |
| WR239    | 2/0<br>1/0              | 2/0<br>1/0                |                  | 2<br>3<br>4             | 1<br>2<br>3                    | 1<br>2      | 2/0<br>1/0                | 4/0<br>3/0  | 1<br>2<br>3<br>4               | 1<br>2               | 0.447          | 0.365 | 0.332 | 0.236 | 1-7/8                    |                          |             |           |
| WR229    |                         | 3/0<br>2/0                |                  | 1/0<br>1<br>2           | 1/0<br>1                       | -           | 3/0<br>2/0                |             | 1/0<br>1                       | 2/0<br>1/0           | 0.470          |       | 0.398 | 0.316 | 1-7/8                    |                          |             |           |
| WR269    | 2/0                     | 2/0                       |                  | 2/0<br>1/0              | 2/0<br>1/0                     | -           | 2/0                       | 3/0         | 2/0<br>1/0                     | 3/0<br>2/0<br>1/0    | 0.447          |       | 0.447 | 0.336 | 1-7/8                    |                          |             |           |



## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### Supplemental “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range     |      |      |      |      |      |                   |      |      |      |                |       |       |       | Connector Length L (in.) | Installation Information |             |           |       |        |        |       |       |       |   |
|----------|---------------------|------|------|------|------|------|-------------------|------|------|------|----------------|-------|-------|-------|--------------------------|--------------------------|-------------|-----------|-------|--------|--------|-------|-------|-------|---|
|          | Standard Conductor* |      |      |      |      |      | Compact Conductor |      |      |      | Diameter (in.) |       |       |       |                          | Connector Die            | No. Indents |           |       |        |        |       |       |       |   |
|          | Main                |      |      | Tap  |      |      | Main              |      | Tap  |      | Main           |       | Tap   |       |                          |                          | Mech. Tool  | Hyd. Tool |       |        |        |       |       |       |   |
|          | ACSR                | Str. | Sol. | ACSR | Str. | Sol. | ACSR              | Str. | ACSR | Str. | Max.           | Min.  | Max.  | Min.  |                          |                          |             |           |       |        |        |       |       |       |   |
| WR319    | 3/0                 | 3/0  | -    | 2    | 1    | 1    | 3/0               | 4/0  | 1    | 1    | 0.502          | 0.332 | 0.229 | 1-7/8 | D                        | 5                        | 2           |           |       |        |        |       |       |       |   |
| WR339    |                     |      |      | 3    | 2    | 2    |                   |      | 2    | 2    |                |       |       |       |                          |                          |             | 2/0       | 3/0   | 2/0    | 2/0    | 0.447 | 0.336 | 2-1/8 | 6 |
| WR359    | 4/0                 | 3/0  |      | 4    | 3    | 2    | 266               | 1/0  | 1/0  | 1/0  |                |       |       |       |                          |                          |             | 0.563     | 0.461 | 0.162  | 1-7/8  | D     | 4     | 2     |   |
| WR369    |                     |      |      | 6    | 4    | 3    |                   |      |      |      |                |       |       |       |                          |                          |             |           |       |        |        |       |       |       | 4 |
| WR369**  | 4/0                 | 3/0  |      | 1    | 1/0  | 1    | 266               | 4/0  | 1    | 1/0  |                |       |       |       |                          |                          |             | 0.63      | 0.423 | 0.3763 | 0.232  | 1-7/8 | D     | 5     | 2 |
| WR389    |                     |      |      | 2    | 1    | 1    |                   |      | 2    | 1    |                |       |       |       |                          |                          |             |           |       |        |        |       |       |       |   |
| WR389**  | 4/0                 | 3/0  |      | 1/0  | 1/0  | 1/0  | 266               | 4/0  | 1    | 1/0  |                |       |       |       |                          |                          |             | 0.563     | 0.423 | 0.336  | 2-3/16 | D     | 6     | 2     |   |
| WR389**  |                     |      |      | 2    | 1    | 1    |                   |      | 2    | 1    |                |       |       |       |                          |                          |             |           |       |        |        |       |       |       | 2 |

\*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\*This range possible only when crimped with hydraulic tool TBM14M or JB12B.

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “N” Die for Hydraulic Tools, 12-Ton and Greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9

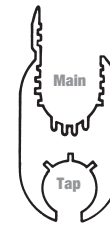
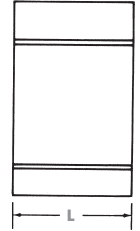


Fig. 1



Fig. 2



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range   |          |          |     |      |                   |      |      |       |                |       |       | Connector Length L (in.)    | Installation Information |                |
|----------|---|----------|----------|-----|------|-------------------|------|------|-------|----------------|-------|-------|-----------------------------|--------------------------|----------------|
|          | Standard Conductor*   |          |          |     |      | Compact Conductor |      |      |       | Diameter (in.) |       |       |                             | For Use with Tool        | No. of Indents |
|          | Main  |          | Tap      |     | Sol. | Main              |      | Tap  |       | Max.           | Min.  | Max.  |                             |                          |                |
| ACSR     | Str.  | ACSR     | Str.     |     | ACSR | Str.              | ACSR | Str. |       |                |       |       |                             |                          |                |
| WR715    | 397-18/1  | 400      | 2/0      | 2/0 | 3/0  | 477               | 500  | 2/0  | 3/0   | 0.753          | 0.447 | 0.162 | 2                           | 2                        |                |
|          |   | 397      | 1/0      | 1/0 | 2/0  |                   |      | 1/0  | 2/0   |                |       |       |                             |                          |                |
|          |   | 350      | 1        | 1   | 1    |                   |      | 1    | 1     |                |       |       |                             |                          |                |
|          |   | 336      | 2        | 2   | 2    |                   |      | 2    | 2     |                |       |       |                             |                          |                |
|          |   | 300      | 3        | 3   | 3    |                   |      | 3    | 3     |                |       |       |                             |                          |                |
|          |   | 266      | 4        | 4   | 4    |                   |      | 4    | 4     |                |       |       |                             |                          |                |
| 250      | 6   | 6        | 6        | 6   | 6    |                   |      |      |       |                |       |       |                             |                          |                |
| WR775    | 336<br>266  | 400      | 400      | 400 |      | 477               | 500  | 500  | 500   | 0.743          | 0.743 | 0.520 | 3                           | 3                        |                |
|          |   | 397      | 397      | 397 |      |                   |      | 400  | 400   |                |       |       |                             |                          |                |
|          |   | 350      | 397-18/1 | 350 | -    |                   |      | 397  | 397   |                |       |       |                             |                          |                |
|          |   | 336      | 336      | 336 |      |                   |      | 336  | 336   |                |       |       |                             |                          |                |
|          |   | 300      | 266      | 300 |      |                   |      | 300  | 300   |                |       |       |                             |                          |                |
|          |   | 266      | 4/0      | 266 |      |                   |      | 266  | 266   |                |       |       |                             |                          |                |
| 250      | 250   | 250      |          | 250 | 250  |                   |      |      |       |                |       |       |                             |                          |                |
| 4/0      | 4/0   | 4/0      |          | 4/0 | 4/0  |                   |      |      |       |                |       |       |                             |                          |                |
| WR815    | 556<br>500  | 2/0      | 2/0      | 3/0 | 556  | 477               | 2/0  | 3/0  | 0.520 | 0.447          | 0.162 | 2     | TBM12,<br>JB12B and<br>Y-35 | 2                        |                |
|          |   | 1/0      | 1/0      | 2/0 |      |                   | 1/0  | 2/0  |       |                |       |       |                             |                          |                |
|          |   | 1        | 1        | 1   |      |                   | 1    | 1    |       |                |       |       |                             |                          |                |
|          |   | 2        | 2        | 2   |      |                   | 2    | 2    |       |                |       |       |                             |                          |                |
|          |   | 3        | 3        | 3   |      |                   | 3    | 3    |       |                |       |       |                             |                          |                |
|          |   | 4        | 4        | 4   |      |                   | 4    | 4    |       |                |       |       |                             |                          |                |
| 6        | 6   | 6        | 6        | 6   |      |                   |      |      |       |                |       |       |                             |                          |                |
| WR835    | 477-18/1  | 400      | 4/0      | 4/0 | 4/0  | 477               | 556  | 266  | 250   | 0.858          | 0.563 | 0.368 | 2                           | 3                        |                |
|          |   | 397      | 3/0      | 3/0 | 3/0  |                   |      | 4/0  | 4/0   |                |       |       |                             |                          |                |
|          |   | 350      | 2/0      | 2/0 | 2/0  |                   |      | 3/0  | 3/0   |                |       |       |                             |                          |                |
|          |   | 336      | 1/0      | 1/0 | 2/0  |                   |      | 2/0  | 2/0   |                |       |       |                             |                          |                |
|          |   | 300      |          |     |      |                   |      |      |       |                |       |       |                             |                          |                |
|          |   | 266      |          |     |      |                   |      |      |       |                |       |       |                             |                          |                |
| 250      |   |          |          |     |      |                   |      |      |       |                |       |       |                             |                          |                |
| WR875**  | 397<br>336<br>266<br>4/0                                    | 477-18/1 | 350      | 397 | 477  | 556               | 397  | 400  | 0.684 | 0.520          | 3     | 3     |                             |                          |                |
|          |   | 266      | 336      | 350 |      |                   | 336  | 350  |       |                |       |       |                             |                          |                |
|          |   | 250      | 300      | 366 |      |                   | 266  | 300  |       |                |       |       |                             |                          |                |
|          |   |          | 266      |     |      |                   | 397  | 266  |       |                |       |       |                             |                          |                |
|          |   |          | 250      |     |      |                   | 350  | 250  |       |                |       |       |                             |                          |                |
|          |   |          |          |     |      |                   | 336  |      |       |                |       |       |                             |                          |                |
| WR885    | 500<br>400<br>397<br>350<br>336<br>300<br>266<br>250<br>4/0 | 477-18/1 | 500      |     | 477  | 556               | 556  | 556  | 0.814 | 0.814          | 3     | 3     |                             |                          |                |
|          |   | 397      | 400      |     |      |                   | 477  | 477  |       |                |       |       |                             |                          |                |
|          |   | 350      | 397      |     |      |                   | 397  | 397  |       |                |       |       |                             |                          |                |
|          |   | 336      | 350      |     |      |                   | 394  | 350  |       |                |       |       |                             |                          |                |
|          |   | 300      | 300      |     |      |                   | 336  | 336  |       |                |       |       |                             |                          |                |
|          |   | 266      | 266      |     |      |                   | 266  | 266  |       |                |       |       |                             |                          |                |
| 250      | 250   |          | 250      | 250 |      |                   |      |      |       |                |       |       |                             |                          |                |
| 4/0      | 4/0   |          | 4/0      | 4/0 |      |                   |      |      |       |                |       |       |                             |                          |                |

\* Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\* Not reversible (Fig. 2).



## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “N” Die for Hydraulic Tools, 10-Ton and Greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9

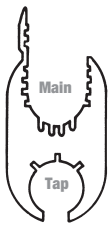


Fig. 1

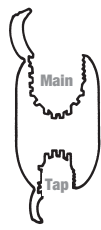


Fig. 2



Products on this page are not CSA applicable.

| Cat. No.       | Conductor Range                 |  |                                 |  |                          |                          |                          |                          |                        |       | Diameter (in.) |       |       |      | Connector Length L (in.)      | Installation Information |                |
|----------------|---------------------------------|--|---------------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------|----------------|-------|-------|------|-------------------------------|--------------------------|----------------|
|                | Standard Conductor*             |  |                                 |  |                          | Compact Conductor        |                          |                          |                        |       | Main           |       | Tap   |      |                               | For Use with Tool        | No. of Indents |
|                | Main                            |  | Tap                             |  |                          | Main                     |                          | Tap                      |                        |       | Max.           | Min.  | Max.  | Min. |                               |                          |                |
|                | ACSR                            | Str.   | ACSR                            | Str.                                   | Sol.                     | ACSR                     | Str.                     | ACSR                     | Tap                    | Str.  | Max.           | Min.  | Max.  | Min. |                               |                          |                |
| <b>WR699</b>   |                                 |  | 4<br>6                          | 3<br>4<br>6                            | 2<br>3<br>4<br>6         |                          |                          | 4<br>6                   | 2<br>3<br>4<br>6       |       |                | 0.266 | 0.162 |      |                               |                          |                |
| <b>WR719</b>   | 397-18/1<br>336<br>266          | 400<br>397<br>350<br>336<br>300<br>266<br>250        | 2/0<br>1/0<br>1<br>2<br>3       | 2/0<br>1/0<br>1<br>2                   | 3/0<br>2/0<br>1/0<br>1   | 477<br>397<br>350<br>336 | 477<br>397<br>350<br>300 | 2/0<br>1/0<br>1<br>2     | 3/0<br>2/0<br>1/0<br>2 | 0.743 | 0.570          | 0.447 | 0.289 | 2    |                               | 2                        |                |
| <b>WR739</b>   |                                 |  | 4/0<br>3/0<br>2/0<br>1/0        | 4/0<br>3/0<br>2/0                      | 4/0                      |                          |                          | 266<br>4/0<br>3/0        | 266<br>250<br>4/0      |       |                | 0.563 | 0.398 |      |                               |                          |                |
| <b>WR779</b>   |                                 |  | 397-18/1<br>336<br>266          | 400<br>397<br>350<br>336<br>266<br>250 | 477<br>397               |                          |                          | 477<br>397<br>336        | 0.743                  |       |                | 0.570 | 3     |      |                               |                          | 3              |
| <b>WR799</b>   | 477-18/1<br>266                 | 500<br>250   | 4<br>6                          | 3<br>4<br>6                            | 2<br>3<br>4<br>6         | 477-18/1<br>250          | 500<br>250               | 3<br>4<br>6              | 2<br>3<br>4<br>6       | 0.814 | 0.575          | 0.270 | 0.160 | 2    | TBM12,<br>JB12B<br>and 13642M | 2                        |                |
| <b>WR819</b>   | 477-18/1<br>397<br>336          | 556<br>500<br>477<br>450<br>400<br>397<br>350<br>336 | 2/0<br>1/0<br>1<br>2<br>3       | 2/0<br>1/0<br>1<br>2                   | 3/0<br>2/0<br>1/0<br>1   | 556<br>477<br>397        | 556<br>477<br>397        | 2/0<br>1/0<br>1<br>2     | 3/0<br>2/0<br>1/0<br>2 | 0.858 | 0.659          | 0.477 | 0.289 |      |                               |                          |                |
| <b>WR839</b>   |                                 |  | 4/0<br>3/0<br>2/0               | 4/0<br>3/0                             | 4/0                      |                          |                          | 266<br>4/0<br>3/0        | 266<br>250<br>4/0      |       |                | 0.563 | 0.477 |      |                               |                          |                |
| <b>WR879**</b> |                                 |  | 336-18/1<br>266                 | 350<br>336<br>300<br>266               | 397                      |                          |                          | 397<br>336               | 0.684                  |       |                | 0.593 | 3     |      |                               |                          |                |
| <b>WR889</b>   | 500<br>400<br>397<br>350<br>336 | 477-18/1<br>400<br>397<br>336                        | 500<br>400<br>397<br>350<br>336 | —                                      | 556<br>477<br>397<br>336 | 556<br>477<br>397<br>350 | 556<br>477<br>397<br>336 | 556<br>477<br>397<br>350 | 0.814                  | 0.666 | 0.814          | 0.666 |       |      |                               |                          |                |

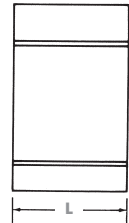
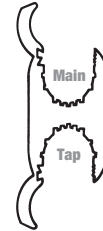
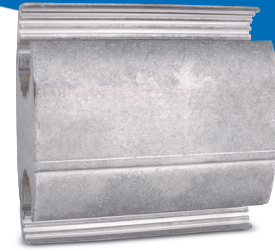
\*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\*Not reversible (Fig. 2).

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “R” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



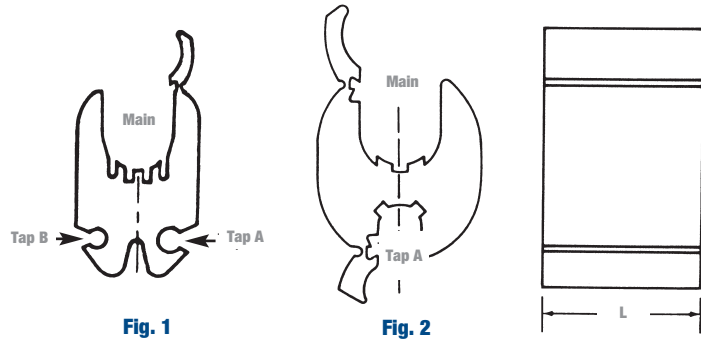
Products on this page are not CSA applicable.

| Cat. No. | Conductor Range    |          |          |          |                   |      |          |      |                |      |      | Connector Length<br>L (in.) | Installation Information |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|----------|--------------------|----------|----------|----------|-------------------|------|----------|------|----------------|------|------|-----------------------------|--------------------------|---------------|----------------|-------|-------|-------------------|---|---|-------|-------------------|---|---|-------|-------------------|---|---|
|          | Standard Conductor |          |          |          | Compact Conductor |      |          |      | Diameter (in.) |      |      |                             | For Use with Tool        | Connector Die | No. of Indents |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          | Main               |          | Tap      |          | Main              |      | Tap      |      | Main           |      | Tap  |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          | ACSR               | Str.     | ACSR     | Str.     | ACSR              | Str. | ACSR     | Str. | Max.           | Min. | Max. |                             |                          |               |                | Min.  |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR909    |                    |          | 336-1/81 | 350      |                   |      | 397-1/2  | 397  |                |      |      |                             | 0.893                    | 0.666         | 0.684          | 0.398 | 4-3/4 | TBM15I<br>(15620) | R | 4 |       |                   |   |   |       |                   |   |   |
|          |                    |          | 266      | 336      |                   |      | 336      | 336  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 600      | 4/0      | 250      |                   |      | 266      | 300  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 556      | 3/0      | 4/0      |                   |      | 4/0      | 266  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR929    |                    |          | 2/0      | 3/0      |                   |      | 3/0      | 250  |                |      |      |                             | 0.893                    | 0.666         | 0.893          | 0.666 |       |                   |   |   | 4-3/4 | TBM15I<br>(15620) | R | 4 |       |                   |   |   |
|          |                    | 556-18/1 | 1/0      | 2/0      |                   |      | 2/0      | 4/0  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 477      | 400      | 600      | 636               | 700  |          | 3/0  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 397      | 477      | 556      | 556               | 556  |          | 4/0  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR949    |                    |          | 336-18/1 | 350      |                   |      | 397-18/1 | 397  |                |      |      |                             | 1.108                    | 0.883         | 0.684          | 0.398 |       |                   |   |   |       |                   |   |   | 4-3/4 | TBM15I<br>(15620) | R | 4 |
|          |                    |          | 266      | 336      |                   |      | 336      | 336  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    |          | 4/0      | 250      |                   |      | 266      | 300  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    |          | 3/0      | 4/0      |                   |      | 4/0      | 266  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR969    |                    |          | 2/0      | 3/0      |                   |      | 3/0      | 250  |                |      |      |                             | 1.108                    | 0.883         | 0.893          | 0.666 | 4-3/4 | TBM15I<br>(15620) | R | 4 |       |                   |   |   |       |                   |   |   |
|          |                    |          | 1/0      | 2/0      |                   |      | 2/0      | 4/0  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 795-26/7 | 900      | 600      |                   |      |          | 3/0  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 874      | 556      | 336      |                   |      |          | 4/0  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR989    |                    |          | 556-18/1 | 500      |                   |      | 636      | 700  |                |      |      |                             | 1.108                    | 0.883         | 1.108          | 0.883 |       |                   |   |   | 4-3/4 | TBM15I<br>(15620) | R | 4 |       |                   |   |   |
|          |                    |          | 477      | 477      |                   |      | 556      | 363  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 795      | 397      | 450      | 954               | 1000 | 477      | 556  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 636      | 750      | 400      | 874               | 874  | 397      | 477  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR999    |                    |          | 300      | 397      |                   |      | 795      | 450  |                |      |      |                             | 1.172                    | 0.997         | 1.172          | 0.997 |       |                   |   |   |       |                   |   |   | 4-3/4 | TBM15I<br>(15620) | R | 4 |
|          |                    |          | 350      | 336      |                   |      |          | 450  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 954-45/7 | 1033     | 954-45/7 | 1033              |      |          |      |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 900      | 1000     | 900      | 1000              | 954  | 1000     | 954  | 1000           |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR999    |                    |          | 874      | 900      |                   |      | 900      | 900  |                |      |      |                             | 1.172                    | 0.997         | 1.172          | 0.997 | 4-3/4 | TBM15I<br>(15620) | R | 4 |       |                   |   |   |       |                   |   |   |
|          |                    |          | 795      | 800      |                   |      | 874      | 900  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 795      | 800      | 7985     | 800               | 900  | 900      | 900  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
|          |                    | 715      | 795      | 715      | 795               |      |          |      |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |
| WR999    |                    |          | 666      | 750      |                   |      | 666      | 750  |                |      |      |                             | 1.172                    | 0.997         | 1.172          | 0.997 |       |                   |   |   | 4-3/4 | TBM15I<br>(15620) | R | 4 |       |                   |   |   |
|          |                    |          | 666      | 750      |                   |      | 666      | 750  |                |      |      |                             |                          |               |                |       |       |                   |   |   |       |                   |   |   |       |                   |   |   |



## Compression H-Tap Connectors

### Type WR — Street Lighting Compression Connectors



Products on this page are not CSA applicable.

| Cat. No. | Figure No. | Conductor Range          |                           |                  |                     |                          |        |                |       |       |       |       |        | Connector Length L (in.) | Installation Information |                |           |      |
|----------|------------|--------------------------|---------------------------|------------------|---------------------|--------------------------|--------|----------------|-------|-------|-------|-------|--------|--------------------------|--------------------------|----------------|-----------|------|
|          |            | Standard Conductor       |                           |                  |                     |                          |        | Diameter (in.) |       |       |       |       |        |                          | For Use with Tool        | No. of Indents |           |      |
|          |            | Main                     |                           |                  | Tap A               |                          | Tap B  |                | Main  |       | Tap A |       | Tap B  |                          |                          | Mech. Tool     | Hyd. Tool |      |
|          |            | ACSR                     | Str.                      | Sol.             | Str.                | Sol.                     | Str.   | Sol.           | Max.  | Min.  | Max.  | Min.  | Max.   |                          |                          |                |           | Min. |
| WR9**    | 2          | 3<br>4<br>6              | 2<br>3<br>4<br>6          | 1<br>2<br>3<br>4 | 8<br>10<br>12<br>14 | 8<br>10<br>12<br>14      | -<br>- | -<br>-         | 0.292 | 0.184 | 0.146 | 0.064 | -<br>- | -<br>-                   | 13/16                    | 5/8 BG         | 3         | -    |
| WR139    | 1          | 1/0<br>1<br>2<br>3<br>4  | 2/0<br>1/0<br>1<br>2<br>3 | 1<br>2           | 8<br>10<br>12<br>14 | 6<br>8<br>10<br>12<br>14 | -      | -              | 0.419 | 0.250 | 0.162 | 0.100 | 0.092  | 0.064                    | 1-1/2                    | D              | 4         | -    |
| WR502    |            | 4/0<br>3/0               | 4/0<br>3/0                | -                |                     |                          |        |                | 0.461 | 0.365 |       |       |        |                          |                          |                |           |      |
| WR502*   |            | 4/0<br>3/0<br>2/0<br>1/0 | 4/0<br>3/0<br>2/0<br>1/0  | -                |                     |                          |        |                | 0.563 | 0.365 |       |       |        |                          |                          |                |           |      |

Will accept conductors of these same wire sizes with a 3 % reduction of diameter (compressed).  
 \* This range possible only when crimped with hydraulic tool TBM14M or JB12B.  
 \*\* CSA Certified.

## Compression H-Tap Connectors

### Type CF — Copper Compression Tap Connectors

- For tapping copper conductors to unbroken main copper conductors
- Extruded pure electrolytic copper
- Full length tab for easy installation
- Efficient design for lower crimping force
- Standard compression tools and dies
- Single and double tab designs

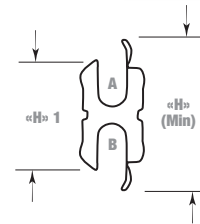
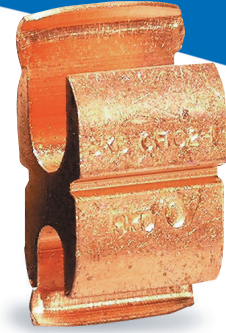


Fig. 1

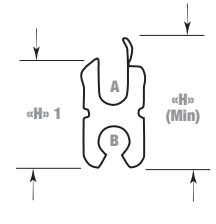


Fig. 2

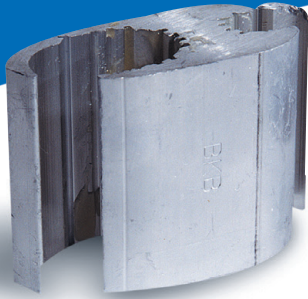
| Cat. No. | Figure No. | Conductor Range     |      |                      |       |                      |       |       |       | Dimensional Information |        |           | Installation Information |             |              |       |                     |             |             |                    |
|----------|------------|---------------------|------|----------------------|-------|----------------------|-------|-------|-------|-------------------------|--------|-----------|--------------------------|-------------|--------------|-------|---------------------|-------------|-------------|--------------------|
|          |            | Standard Conductor* |      |                      |       | Diameter (in.)*      |       |       |       |                         |        |           | H (Min.)                 |             | H 1          |       | Mechanical Tools*** |             |             | Hydraulic Tools*** |
|          |            | Main A              |      | Tap B                |       | Main A               |       | Tap B |       | OD 58                   | Type 0 | MD Series |                          |             |              |       | JB12B               | H Series    | Y-35        | TBM15/Y45/Y46      |
|          |            | ACSR                | Str. | Sol.                 | Str.  | Max.                 | Min.  | Max.  | Min.  |                         |        |           |                          |             |              |       |                     |             |             |                    |
| CF44-1   | 1          | 4                   | 6    | 4                    | 6     | 0.204                | 0.162 | 0.204 | 0.128 | 0.971                   | 0.729  | 13/16     | B, T<br>5/8              | B, T<br>5/8 | W-KB<br>W-BG | BKT   | B                   | BKT<br>U-BG | BKT<br>U-BG |                    |
| CFS44-1  | 2          | 4                   | 6    | 4                    | 8     | 0.204                | 0.162 | 0.204 | 0.128 | 0.864                   | 0.743  |           | B, T<br>5/8              | B, T<br>5/8 | W-KB<br>W-BG | BKT   | B                   | BKT<br>U-BG | BKT<br>U-BG |                    |
| CF22-1   | 1          | 2                   | 4    | 2                    | 4     | 0.258                | 0.204 | 0.258 | 0.204 | 1.162                   | 0.813  | K         | K                        | W-KK        | -            | -     | -                   | BKT         |             |                    |
| CFS22-1  | 2          | 2                   | 4    | 2                    | 6     | 0.258                | 0.204 |       | 0.162 | 1.017                   | 0.842  |           |                          |             | HBKC         | BKT   | BKT                 | BKT         |             |                    |
| CF102-1  | 1          | 1/0<br>1<br>2       | 4    | 2                    | 4     | 0.373                | 0.292 | 0.373 | 0.292 | 1.540                   | 1.100  | 27/32     |                          |             |              | 0     | 0                   | 0           | 0           |                    |
| CF1010-1 |            |                     |      | 1/0<br>1<br>2        | 0.373 |                      |       |       |       | 0.292                   | 1.610  |           |                          |             |              | 1.050 | 0                   | 0           | 0           | 0                  |
| CF202-1  |            |                     |      | 2/0<br>1/0<br>1<br>2 | -     | 2/0<br>1/0<br>1<br>2 | 0.419 | 0.368 | 0.259 | 0.204                   | 1.670  | 1.269     | 7/8                      |             |              |       | K-C                 | C           | K-C         | BK-C               |
| CF2020-1 | 1          | -                   | -    | 2/0<br>1/0<br>1<br>2 | 0.414 | 0.292                | 0.414 | 0.292 | 1.740 | 1.220                   | 7/8    |           |                          |             | K-C          | C     | K-C                 | BK-C        |             |                    |
| CF402-1  | 1          | 4/0<br>3/0<br>2/0   | 4    | 2                    | 4     | 0.528                | 0.414 | 0.373 | 0.292 | 1.983                   | 1.423  | 1-1/8     |                          |             |              | D**   | D**                 | D**         | D**         |                    |
| CF4010-1 |            |                     |      | 1/0<br>1<br>2        | 0.528 |                      |       |       |       | 0.414                   | 0.373  |           |                          |             |              | 0.292 | 1.992               | 1.423       | D**         | D**                |
| CF4040-1 |            |                     |      | 4/0<br>3/0<br>2/0    | -     | 4/0<br>3/0<br>2/0    | 0.528 | 0.414 | 0.528 | 0.414                   | 2.252  | 1.483     | 1-1/8                    |             |              |       | D**                 | D**         | D**         | D**                |

\*Decimal dimensions are for conventional conductor, not Copperweld or Alumoweld.

\*\*Blackburn "D" dies.

\*\*\*Three indents with mechanical tools and one indent with hydraulic tools. 15-Ton/head use appropriate die adapters.



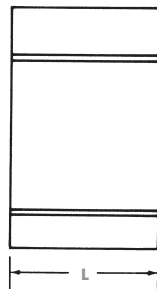


## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



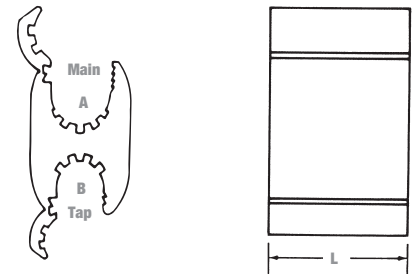
| Cat. No. | Connector No. | Conductor Range    |      |      |      |      |      |                   |      |          |      |       |       | Connector Length L (in.) | Installation Information |             |           |      |      |
|----------|---------------|--------------------|------|------|------|------|------|-------------------|------|----------|------|-------|-------|--------------------------|--------------------------|-------------|-----------|------|------|
|          |               | Standard Conductor |      |      |      |      |      | Compact Conductor |      |          |      |       |       |                          | Connector Die            | No. Indents |           |      |      |
|          |               | Main               |      |      | Tap  |      |      | Main              |      |          | Tap  |       |       |                          |                          | Mech. Tool  | Hyd. Tool |      |      |
|          |               | ACSR               | Str. | Sol. | ACSR | Str. | Sol. | ACSR              | Str. | ACSR     | Str. | Max.  | Min.  |                          |                          |             |           | Max. | Min. |
| WR159    | 1             | 2                  | 2    | 2    |      |      | 2    | 2                 | 2    | 2        |      | 0.332 | 0.162 |                          |                          | 1-7/16      | 0         | 4    |      |
| WR189    | 2             | 1/0                | 2/0  | 3/0  | 2    | 1    |      | 2/0               | 2/0  |          |      | 0.419 | 0.266 | 0.332                    | 0.162                    | 1-11/16     |           |      |      |
| WR289    | 3             | 2/0                | 3/0  | 4/0  |      |      |      | 3/0               | 3/0  | 1        | 2    |       | 0.398 |                          |                          |             |           | 5    | 2    |
| WR279    | 4             | 1/0                | 2/0  | 3/0  | 2/0  | 3/0  | 3/0  | 2/0               | 2/0  | 2/0      | 2/0  | 0.470 | 0.336 | 0.470                    | 0.36                     | 1-13/16     |           |      |      |
| WR379    | 5             | 4/0                | 4/0  |      | 2    | 1    |      | 266-18/1          | 266  | 1        | 2    | 0.475 | 0.332 | 0.162                    |                          |             |           |      |      |
| WR399    | 6             | 3/0                | 4/0  |      | 2/0  | 2/0  | 3/0  | 266-18/1          | 266  | 2/0      | 3/0  | 0.563 | 0.447 | 0.338                    |                          | 2-3/16      |           | 6    |      |
| WR419    | 7             | 3/0                | 3/0  |      | 4/0  | 4/0  | 3/0  | 4/0               | 250  | 266-18/1 | 266  | 0.461 | 0.563 | 0.461                    |                          | 2-7/16      |           | 7    | 3    |

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### Supplemental “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range         |                           |                  |                         |                           |             |                           |                       |                           |                      |                |       |       | Connector Length L (in.) | Installation Information |             |           |      |
|----------|-------------------------|---------------------------|------------------|-------------------------|---------------------------|-------------|---------------------------|-----------------------|---------------------------|----------------------|----------------|-------|-------|--------------------------|--------------------------|-------------|-----------|------|
|          | Standard Conductor      |                           |                  |                         |                           |             | Compact Conductor         |                       |                           |                      | Diameter (in.) |       |       |                          | Connector Die            | No. Indents |           |      |
|          | Main                    |                           |                  | Tap                     |                           |             | Main                      |                       | Tap                       |                      | Main           |       | Tap   |                          |                          | Mech. Tool  | Hyd. Tool |      |
|          | ACSR                    | Str.                      | Sol.             | ACSR                    | Str.                      | Sol.        | ACSR                      | Str.                  | ACSR                      | Str.                 | Max.           | Min.  | Max.  |                          |                          |             |           | Min. |
| WR149    | 4<br>4<br>6             | 3<br>4<br>6               | 2<br>3<br>4<br>6 |                         | 3<br>4<br>6               | 2<br>3<br>6 | 4<br>6                    | 2<br>3<br>6           | 3<br>4<br>6               | 2<br>3<br>6          | 0.266          | 0.162 | 0.266 | 0.162                    | 1-1/2                    | 0           | 5         |      |
| WR179    | 1/0<br>1<br>2<br>3      | 1/0<br>1<br>2             | 1                | 4<br>6                  | 3<br>4<br>6               | 4<br>6      | 1/0<br>1<br>2             |                       | 4<br>6                    | 6                    | 0.398          | 0.266 |       |                          | 1-3/4                    |             |           |      |
| WR199    | 1/0<br>1<br>2<br>3      | 1/0<br>1<br>2             | 1                | 2<br>3<br>4             | 1<br>2<br>4               |             | 2/0<br>1/0<br>1<br>4      | 2<br>1<br>4           | 1<br>2                    | 0.066                | 0.332          |       |       |                          |                          |             |           |      |
| WR1010   | 1/0<br>1<br>2<br>3<br>4 | 2/0<br>1/0<br>1<br>2<br>4 | 1<br>2           | 1/0<br>1<br>2<br>3<br>4 | 2/0<br>1/0<br>1<br>3<br>4 | 1<br>2      | 2/0<br>1/0<br>1<br>2<br>4 | 2<br>1<br>2<br>3<br>4 | 2/0<br>1/0<br>1<br>2<br>4 | 2/0<br>1/0<br>1<br>2 | 0.419          | 0.232 | 0.419 | 0.232                    |                          | 4           |           |      |
| WR259    | 1/0<br>1                | 2/0<br>1/0                |                  | 1/0<br>1                | 2/0<br>1/0                | -           | 2/0<br>1/0                | 2/0<br>1/0            | 2/0<br>1/0                | 2/0<br>1/0           |                | 0.326 | 0.412 | 0.292                    | 1-7/8                    | D           | 5         | 2    |
| WR299    | 2/0<br>1/0              | 3/0<br>2/0                |                  | 4<br>6                  | 3<br>4<br>6               | 2<br>3<br>6 | 3/0<br>2/0                | 3/0                   | 4<br>6                    | 3<br>4<br>6          | 0.470          | 0.398 | 0.266 | 0.162                    | 1-1/2                    |             | 4         |      |
| WR219    | 1/0<br>1                | 1/0<br>1                  |                  | 1/0<br>1<br>2           | 1/0<br>1                  | -           | 1/0                       | 2/0<br>1/0            | 1/0                       | 2/0<br>1/0           | 0.398          | 0.324 | 0.398 | 0.316                    | 1-7/8                    | D           | 5         |      |
| WR239    | 2/0<br>1/0              | 2/0<br>1/0                |                  | 2<br>3<br>4             | 1<br>2<br>3               | 1<br>2      | 2/0<br>1/0                | 4/0<br>3/0            | 1<br>2<br>3<br>4          | 1<br>2               | 0.447          | 0.365 | 0.332 | 0.236                    |                          |             |           |      |
| WR229    |                         | 3/0<br>2/0                |                  | 1/0<br>1<br>2           | 1/0<br>1                  | -           | 3/0<br>2/0                |                       | 1/0<br>1                  | 2/0<br>1/0           | 0.470          |       | 0.398 | 0.316                    |                          |             |           |      |
| WR269    | 2/0                     | 2/0                       |                  | 2/0<br>1/0              | 2/0<br>1/0                | -           | 2/0                       | 3/0                   | 2/0<br>1/0                | 3/0<br>2/0<br>1/0    | 0.447          |       | 0.447 | 0.336                    |                          |             |           |      |



## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors

#### Supplemental “O” and “D” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range     |      |      |      |      |      |                   |      |      |      |                |       |       |       | Connector Length L (in.) | Installation Information |             |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
|----------|---------------------|------|------|------|------|------|-------------------|------|------|------|----------------|-------|-------|-------|--------------------------|--------------------------|-------------|-----------|---|-------|-------|-------|-------|-------|-------|------|-------|--------|-------|-------|-------|-------|-------|-------|-------|---|---|-------|-------|--------|-------|---|---|-------|
|          | Standard Conductor* |      |      |      |      |      | Compact Conductor |      |      |      | Diameter (in.) |       |       |       |                          | Connector Die            | No. Indents |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
|          | Main                |      | Sol. | Tap  |      |      | Main              |      | Tap  |      | Main           |       | Tap   |       |                          |                          | Mech. Tool  | Hyd. Tool |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
|          | ACSR                | Str. |      | ACSR | Str. | Sol. | ACSR              | Str. | ACSR | Str. | Max.           | Min.  | Max.  | Min.  |                          |                          |             |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
| WR319    | 3/0                 | 3/0  | -    | 2    | 1    | 1    | 3/0               | 4/0  | 1    | 1    | 0.502          | 0.332 | 0.229 | 1-7/8 | D                        | 5                        |             |           | 2 |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
| WR339    |                     |      |      | 3    | 2    |      |                   |      | 2    |      |                |       |       |       |                          |                          | 2/0         | 3/0       |   | 2     | 2/0   | 2/0   | 0.447 | 0.336 | 2-1/8 | 6    |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
| WR359    | 4/0                 | 3/0  |      | 4    | 3    | 2    | 266               | 1/0  | 1/0  | 1    |                |       |       |       |                          |                          | 1           | 0.563     |   | 0.266 | 0.162 | 1-7/8 | D     | 4     | 2     |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |
| WR369    |                     |      |      | 6    | 4    | 3    |                   |      |      |      |                |       |       |       |                          |                          |             |           |   |       |       |       |       |       |       | 1    | 1     | 2      | 2     | 0.374 | 0.266 | 1-7/8 | 5     |       |       |   |   |       |       |        |       |   |   |       |
| WR369**  | 4/0                 | 3/0  |      | 1    | 1/0  | 1/0  | 266               | 4/0  | 1/0  | 1    |                |       |       |       |                          |                          | 1           |           |   |       |       |       |       |       |       | 0.63 | 0.423 | 0.3763 | 0.232 | D     | 5     | 2     |       |       |       |   |   |       |       |        |       |   |   |       |
| WR389    |                     |      |      | 2    | 2    |      |                   |      |      |      |                |       |       |       |                          |                          |             |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       | 1     | 2     | 2     | 2 | 2 | 0.461 | 0.376 | 2-3/16 | 6     |   |   |       |
| WR389**  | 4/0                 | 3/0  |      | 1    | 1/0  | 1/0  | 266               | 4/0  | 1/0  | 1    |                |       |       |       |                          |                          | 1           |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       | 0.563 | 0.423 | 0.336 | D | 5 | 2     |       |        |       |   |   |       |
| WR389**  |                     |      |      | 3    | 3    |      |                   |      |      |      |                |       |       |       |                          |                          |             |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       | 2     | 2      | 2     | 2 | 2 | 0.461 |
| WR389**  | 4/0                 | 3/0  |      | 2    | 3/0  | -    | 266               | 4/0  | 3/0  | 3/0  |                |       |       |       |                          |                          | 3/0         |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       | 0.563 | 0.423  | 0.336 | D | 5 | 2     |
| WR389**  |                     |      |      | 1    | 2/0  |      |                   |      |      |      |                |       |       |       |                          |                          |             |           |   |       |       |       |       |       |       |      |       |        |       |       |       |       |       |       |       |   |   |       |       |        |       |   |   |       |

\*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).  
 \*\*This range possible only when crimped with hydraulic tool TBM14M or JB12B.

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “N” Die for Hydraulic Tools, 12-Ton and Greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9

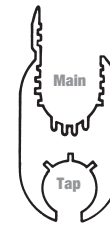
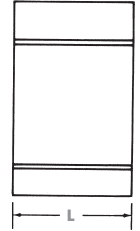


Fig. 1



Fig. 2



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range   |          |          |     |      |                   |      |      |       |                |       |       | Connector Length L (in.)    | Installation Information |                |
|----------|---|----------|----------|-----|------|-------------------|------|------|-------|----------------|-------|-------|-----------------------------|--------------------------|----------------|
|          | Standard Conductor*   |          |          |     |      | Compact Conductor |      |      |       | Diameter (in.) |       |       |                             | For Use with Tool        | No. of Indents |
|          | Main  |          | Tap      |     | Sol. | Main              |      | Tap  |       | Max.           | Min.  | Max.  |                             |                          |                |
| ACSR     | Str.  | ACSR     | Str.     |     | ACSR | Str.              | ACSR | Str. |       |                |       |       |                             |                          |                |
| WR715    | 397-18/1  | 400      | 2/0      | 2/0 | 3/0  | 477               | 500  | 2/0  | 3/0   | 0.753          | 0.447 | 0.162 | 2                           | 2                        |                |
|          |   | 397      | 1/0      | 1/0 | 2/0  |                   |      | 1/0  | 2/0   |                |       |       |                             |                          |                |
|          |   | 350      | 1        | 1   | 1    |                   |      | 1    | 1     |                |       |       |                             |                          |                |
|          |   | 336      | 2        | 2   | 2    |                   |      | 2    | 2     |                |       |       |                             |                          |                |
|          |   | 300      | 3        | 3   | 3    |                   |      | 3    | 3     |                |       |       |                             |                          |                |
|          |   | 266      | 4        | 4   | 4    |                   |      | 4    | 4     |                |       |       |                             |                          |                |
| WR775    | 336<br>266  | 400      | 400      | 400 |      | 477               | 500  | 3/0  | 500   | 0.743          | 0.743 | 0.520 | 3                           | 3                        |                |
|          |   | 397      | 397      | 397 |      |                   |      | 400  | 400   |                |       |       |                             |                          |                |
|          |   | 350      | 397-18/1 | 350 | -    |                   |      | 397  | 397   |                |       |       |                             |                          |                |
|          |   | 336      | 336      | 336 |      |                   |      | 336  | 336   |                |       |       |                             |                          |                |
|          |   | 300      | 266      | 300 |      |                   |      | 300  | 300   |                |       |       |                             |                          |                |
|          |   | 266      | 4/0      | 266 |      |                   |      | 266  | 266   |                |       |       |                             |                          |                |
| WR815    | 556<br>500  | 2/0      | 2/0      | 3/0 | 556  | 477               | 2/0  | 3/0  | 0.520 | 0.447          | 0.162 | 2     | TBM12,<br>JB12B and<br>Y-35 | 2                        |                |
|          |   | 1/0      | 1/0      | 2/0 |      |                   | 1/0  | 2/0  |       |                |       |       |                             |                          |                |
|          |   | 1        | 1        | 1   |      |                   | 1    | 1    |       |                |       |       |                             |                          |                |
|          |   | 2        | 2        | 2   |      |                   | 2    | 2    |       |                |       |       |                             |                          |                |
|          |   | 3        | 3        | 3   |      |                   | 3    | 3    |       |                |       |       |                             |                          |                |
|          |   | 4        | 4        | 4   |      |                   | 4    | 4    |       |                |       |       |                             |                          |                |
| WR835    | 477-18/1  | 400      | 4/0      | 4/0 | 4/0  | 477               | 556  | 266  | 250   | 0.858          | 0.563 | 0.368 | 2                           | 3                        |                |
|          |   | 397      | 3/0      | 3/0 | 3/0  |                   |      | 4/0  | 4/0   |                |       |       |                             |                          |                |
|          |   | 350      | 2/0      | 2/0 | 2/0  |                   |      | 3/0  | 3/0   |                |       |       |                             |                          |                |
|          |   | 336      | 1/0      | 1/0 | 2/0  |                   |      | 2/0  | 2/0   |                |       |       |                             |                          |                |
|          |   | 300      |          |     |      |                   |      |      |       |                |       |       |                             |                          |                |
|          |   | 266      |          |     |      |                   |      |      |       |                |       |       |                             |                          |                |
| WR875**  | 397<br>336<br>266<br>4/0                                    | 477-18/1 | 350      | 397 | 477  | 556               | 400  | 397  | 0.684 | 0.520          | 3     | 3     |                             |                          |                |
|          |   | 266      | 336      | 350 |      |                   | 397  | 350  |       |                |       |       |                             |                          |                |
|          |   | 250      | 300      | 366 |      |                   | 336  | 336  |       |                |       |       |                             |                          |                |
|          |   |          | 266      |     |      |                   | 397  | 300  |       |                |       |       |                             |                          |                |
|          |   |          | 250      |     |      |                   | 350  | 266  |       |                |       |       |                             |                          |                |
|          |   |          | 4/0      |     |      |                   | 336  | 250  |       |                |       |       |                             |                          |                |
| WR885    | 500<br>400<br>397<br>350<br>336<br>300<br>266<br>250<br>4/0 | 477-18/1 | 500      |     | 477  | 556               | 556  | 556  | 0.814 | 0.814          | 3     | 3     |                             |                          |                |
|          |   | 397      | 400      |     |      |                   | 477  | 477  |       |                |       |       |                             |                          |                |
|          |   | 350      | 397      |     |      |                   | 397  | 397  |       |                |       |       |                             |                          |                |
|          |   | 336      | 350      |     |      |                   | 336  | 350  |       |                |       |       |                             |                          |                |
|          |   | 300      | 300      |     |      |                   | 300  | 336  |       |                |       |       |                             |                          |                |
|          |   | 266      | 266      |     |      |                   | 266  | 300  |       |                |       |       |                             |                          |                |
|          |   | 250      | 250      |     |      |                   | 250  | 266  |       |                |       |       |                             |                          |                |
|          |   | 4/0      | 4/0      |     |      |                   | 4/0  | 250  |       |                |       |       |                             |                          |                |

\* Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\* Not reversible (Fig. 2).



## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “N” Die for Hydraulic Tools, 10-Ton and Greater

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9

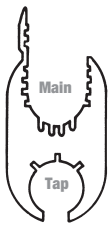


Fig. 1

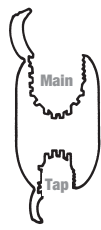


Fig. 2



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range        |  |                           |  |                        |                          |                          |                          |                          |                |       | Connector Length L (in.) | Installation Information |                               |   |
|----------|------------------------|--|---------------------------|--|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|-------|--------------------------|--------------------------|-------------------------------|---|
|          | Standard Conductor*    |  |                           |  |                        | Compact Conductor        |                          |                          |                          | Diameter (in.) |       |                          | For Use with Tool        | No. of Indents                |   |
|          | Main                   |  | Tap                       |  | Sol.                   | Main                     |                          | Tap                      |                          | Main           | Tap   |                          |                          |                               |   |
|          | ACSR                   | Str.   | ACSR                      | Str.                                   |                        | ACSR                     | Str.                     | ACSR                     | Str.                     | Max.           | Min.  |                          |                          |                               |   |
| WR699    |                        |  | 4<br>6                    | 3<br>4<br>6                            | 2<br>3<br>4<br>6       |                          |                          | 4<br>6                   | 2<br>3<br>4<br>6         |                |       | 0.266                    | 0.162                    |                               |   |
| WR719    | 397-18/1<br>336<br>266 | 400<br>397<br>350<br>336<br>300<br>266<br>250        | 2/0<br>1/0<br>1<br>2<br>3 | 2/0<br>1/0<br>1<br>2                   | 3/0<br>2/0<br>1/0<br>1 | 477<br>397<br>350<br>336 | 477<br>397<br>350<br>300 | 2/0<br>1/0<br>1<br>2     | 3/0<br>2/0<br>1/0<br>2   | 0.743          | 0.570 | 0.447                    | 0.289                    | 2                             | 2 |
| WR739    |                        |  | 4/0<br>3/0<br>2/0<br>1/0  | 4/0<br>3/0<br>2/0                      | 4/0                    |                          |                          | 266<br>4/0<br>3/0        | 266<br>250<br>4/0        |                |       | 0.563                    | 0.398                    |                               |   |
| WR779    |                        |  | 397-18/1<br>336<br>266    | 400<br>397<br>350<br>336<br>266<br>250 | 477<br>397             |                          |                          | 477<br>397<br>336        | 0.743                    |                |       | 0.570                    | 3                        |                               |   |
| WR799    | 477-18/1<br>266        | 500<br>250   | 4<br>6                    | 3<br>4<br>6                            | 2<br>3<br>4<br>6       | 477-18/1<br>250          | 500<br>250               | 3<br>4<br>6              | 2<br>3<br>4<br>6         | 0.814          | 0.575 | 0.270                    | 0.160                    | TBM12,<br>JB12B<br>and 13642M | 2 |
| WR819    | 477-18/1<br>397<br>336 | 556<br>500<br>477<br>450<br>400<br>397<br>350<br>336 | 2/0<br>1/0<br>1<br>2<br>3 | 2/0<br>1/0<br>1<br>2                   | 3/0<br>2/0<br>1/0<br>1 | 556<br>477<br>397        | 556<br>477<br>397        | 2/0<br>1/0<br>1<br>2     | 3/0<br>2/0<br>1/0<br>2   | 0.858          | 0.659 | 0.477                    | 0.289                    |                               |   |
| WR839    |                        |  | 4/0<br>3/0<br>2/0         | 4/0<br>3/0                             | 4/0                    |                          |                          | 266<br>4/0<br>3/0        | 266<br>250<br>4/0        |                |       | 0.563                    | 0.477                    |                               |   |
| WR879**  |                        |  | 336-18/1<br>266           | 350<br>336<br>300<br>266               | 397                    |                          |                          | 397<br>336               | 397<br>350<br>336        |                |       | 0.684                    | 0.593                    |                               |   |
| WR889    |                        | 500<br>400<br>397<br>350<br>336                      | 477-18/1<br>397<br>336    | 500<br>400<br>397<br>350<br>336        | —                      | 556<br>477<br>397<br>336 | 556<br>477<br>397<br>350 | 556<br>477<br>397<br>336 | 556<br>477<br>397<br>350 | 0.814          | 0.666 | 0.814                    | 0.666                    |                               | 3 |

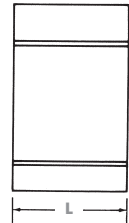
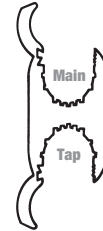
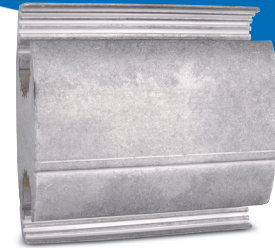
\*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

\*\*Not reversible (Fig. 2).

## Compression H-Tap Connectors

### Type WR — Wide Range Aluminum Tap Connectors “R” Die Seven Connector Program

- For combinations of aluminum-aluminum and aluminum-copper conductors
- Pass the requirements of ANSI C119.4
- Standard compression tools and dies install all sizes
- Seven Connector Program provides superior connector performance, lower connection costs and simplified installation procedures
- Fold-in tabs provide positive tab interlock as tool closes
- Field-proven ribbed design provides unparalleled connector/conductor contact, without distorting the conductor's shape
- Made of 1350 aluminum alloy
- Pre-filled with an oxide inhibitor which is held captive in the rib/connection area
- For copper-to-copper combinations, use CF type shown on page C9



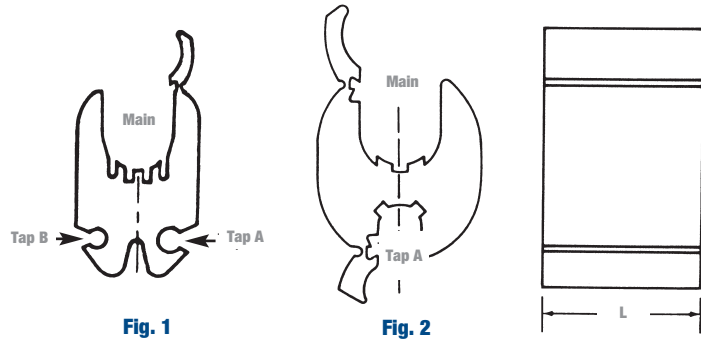
Products on this page are not CSA applicable.

| Cat. No. | Conductor Range    |          |          |      |                   |      |          |      |                |      |      | Connector Length<br>L (in.) | Installation Information |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------|--------------------|----------|----------|------|-------------------|------|----------|------|----------------|------|------|-----------------------------|--------------------------|---------------|----------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|
|          | Standard Conductor |          |          |      | Compact Conductor |      |          |      | Diameter (in.) |      |      |                             | For Use with Tool        | Connector Die | No. of Indents |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          | Main               |          | Tap      |      | Main              |      | Tap      |      | Main           |      | Tap  |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          | ACSR               | Str.     | ACSR     | Str. | ACSR              | Str. | ACSR     | Str. | Max.           | Min. | Max. |                             |                          |               |                | Min.  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR909    |                    |          | 336-1/81 | 350  |                   |      | 397-1/2  | 397  |                |      |      |                             | 0.893                    | 0.666         | 0.684          | 0.398 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 266      | 336  |                   |      | 336      | 336  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    | 600      | 4/0      | 250  |                   |      | 266      | 300  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    | 556      | 3/0      | 4/0  |                   |      | 4/0      | 266  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR929    | 556-18/1           | 500      | 1/0      | 2/0  |                   |      | 2/0      | 4/0  |                |      |      |                             | 0.893                    | 0.666         | 0.893          | 0.666 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    | 477      | 477      | 600  | 636               | 700  |          | 700  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    | 397      | 450      | 556  | 556               | 556  |          | 636  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    | 336      | 400      | 477  | 477               | 477  |          | 556  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR949    |                    |          | 336-18/1 | 350  |                   |      | 397-18/1 | 397  |                |      |      |                             | 1.108                    | 0.883         | 0.684          | 0.398 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 266      | 336  |                   |      | 336      | 336  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 4/0      | 250  |                   |      | 266      | 300  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 3/0      | 4/0  |                   |      | 4/0      | 266  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR969    |                    |          | 2/0      | 3/0  |                   |      | 3/0      | 250  |                |      |      |                             | 1.108                    | 0.883         | 0.893          | 0.666 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 1/0      | 2/0  |                   |      | 2/0      | 4/0  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 900      | 556  |                   |      | 397      | 350  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    | 795-26/7 | 874      | 550  |                   |      | 700      | 336  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR989    |                    |          | 556-18/1 | 500  | 954               | 1000 | 636      | 700  |                |      |      |                             | 1.108                    | 0.883         | 1.108          | 0.883 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 477      | 477  | 874               | 874  | 556      | 556  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 397      | 450  | 795               | 795  | 477      | 477  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 300      | 400  | 795               | 795  | 397      | 450  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR999    |                    |          | 795-26/7 | 874  |                   |      | 954      | 1000 |                |      |      |                             | 1.172                    | 0.997         | 1.172          | 0.997 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 715      | 800  |                   |      | 874      | 874  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 666      | 795  |                   |      | 795      | 795  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 636      | 750  |                   |      | 795      | 750  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR999    |                    |          | 477-30/7 | 636  |                   |      | 397      | 350  |                |      |      |                             | 1.172                    | 0.997         | 1.172          | 0.997 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 600      | 336  |                   |      | 450      | 450  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 900      | 874  |                   |      | 700      | 700  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 874      | 800  |                   |      | 795      | 795  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WR999    |                    |          | 954-45/7 | 1033 |                   |      | 954      | 1000 |                |      |      |                             | 1.172                    | 0.997         | 1.172          | 0.997 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 900      | 900  |                   |      | 900      | 900  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 874      | 900  |                   |      | 874      | 900  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                    |          | 795      | 800  |                   |      | 874      | 900  |                |      |      |                             |                          |               |                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |



## Compression H-Tap Connectors

### Type WR — Street Lighting Compression Connectors



Products on this page are not CSA applicable.

| Cat. No. | Figure No. | Conductor Range          |                           |                  |                     |                          |        |                |       |       |       |       |        |                   |                | Connector Length L (in.) | Installation Information |      |  |
|----------|------------|--------------------------|---------------------------|------------------|---------------------|--------------------------|--------|----------------|-------|-------|-------|-------|--------|-------------------|----------------|--------------------------|--------------------------|------|--|
|          |            | Standard Conductor       |                           |                  |                     |                          |        | Diameter (in.) |       |       |       |       |        | For Use with Tool | No. of Indents |                          |                          |      |  |
|          |            | Main                     |                           |                  | Tap A               |                          | Tap B  |                | Main  |       | Tap A |       | Tap B  |                   | Mech. Tool     |                          | Hyd. Tool                |      |  |
|          |            | ACSR                     | Str.                      | Sol.             | Str.                | Sol.                     | Str.   | Sol.           | Max.  | Min.  | Max.  | Min.  | Max.   |                   |                |                          |                          | Min. |  |
| WR9**    | 2          | 3<br>4<br>6              | 2<br>3<br>4<br>6          | 1<br>2<br>3<br>4 | 8<br>10<br>12<br>14 | 8<br>10<br>12<br>14      | -<br>- | -<br>-         | 0.292 | 0.184 | 0.146 | 0.064 | -<br>- | -<br>-            | 13/16          | 5/8 BG                   | 3                        | -    |  |
| WR139    | 1          | 1/0<br>1<br>2<br>3<br>4  | 2/0<br>1/0<br>1<br>2<br>3 | 1<br>2           | 8<br>10<br>12<br>14 | 6<br>8<br>10<br>12<br>14 | -      | -              | 0.419 | 0.250 | 0.162 | 0.100 | 0.092  | 0.064             | 1-1/2          | D                        | 4                        | -    |  |
| WR502    |            | 4/0<br>3/0               | 4/0<br>3/0                | -                |                     |                          |        |                | 0.461 | 0.365 |       |       |        |                   |                |                          |                          |      |  |
| WR502*   |            | 4/0<br>3/0<br>2/0<br>1/0 | 4/0<br>3/0<br>2/0<br>1/0  | -                |                     |                          |        |                | 0.563 | 0.365 |       |       |        |                   |                |                          |                          |      |  |

Will accept conductors of these same wire sizes with a 3 % reduction of diameter (compressed).  
 \* This range possible only when crimped with hydraulic tool TBM14M or JB12B.  
 \*\* CSA Certified.

## Compression H-Tap Connectors

### Type CF — Copper Compression Tap Connectors

- For tapping copper conductors to unbroken main copper conductors
- Extruded pure electrolytic copper
- Full length tab for easy installation
- Efficient design for lower crimping force
- Standard compression tools and dies
- Single and double tab designs

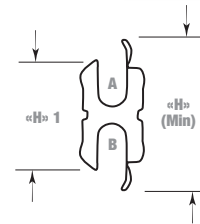
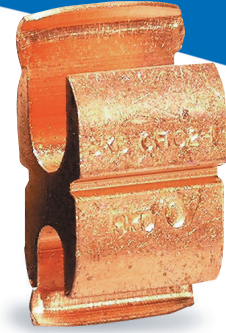


Fig. 1

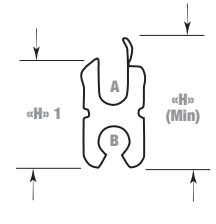


Fig. 2

| Cat. No. | Figure No. | Conductor Range     |                      |             |       |                 |       |       |       | Dimensional Information |       |                        | Installation Information |             |                    |       |          |             |               |     |  |  |  |  |
|----------|------------|---------------------|----------------------|-------------|-------|-----------------|-------|-------|-------|-------------------------|-------|------------------------|--------------------------|-------------|--------------------|-------|----------|-------------|---------------|-----|--|--|--|--|
|          |            | Standard Conductor* |                      |             |       | Diameter (in.)* |       |       |       |                         |       |                        | Mechanical Tools***      |             | Hydraulic Tools*** |       |          |             |               |     |  |  |  |  |
|          |            | Main A              |                      | Tap B       |       | Main A          |       | Tap B |       | H (Min.)                | H 1   | Connector Length (in.) | OD 58                    | Type 0      | MD Series          | JB12B | H Series | Y-35        | TBM15/Y45/Y46 |     |  |  |  |  |
| ACSR     | Str.       | Sol.                | Str.                 | Max.        | Min.  | Max.            | Min.  |       |       |                         |       |                        |                          |             |                    |       |          |             |               |     |  |  |  |  |
| CF44-1   | 1          | 4                   | 6                    | 4           | 6     | 0.204           | 0.162 | 0.204 | 0.128 | 0.971                   | 0.729 | 13/16                  | B, T<br>5/8              | B, T<br>5/8 | W-KB<br>W-BG       | BKT   | B        | BKT<br>U-BG | BKT<br>U-BG   |     |  |  |  |  |
| CFS44-1  | 2          | 4                   | 6                    | 4           | 6     | 0.204           | 0.162 | 0.204 | 0.128 | 0.864                   | 0.743 |                        |                          |             |                    |       | BKT      |             |               |     |  |  |  |  |
| CF22-1   | 1          | 2                   | 4                    | 2           | 4     | 0.258           | 0.204 |       | 0.204 | 1.162                   | 0.813 | 27/32                  | K                        | K           | W-KK               | -     | -        | -           | BKT           |     |  |  |  |  |
| CFS22-1  | 2          | 2                   | 4                    | 2           | 4     | 0.258           | 0.204 | 0.258 | 0.162 | 1.017                   | 0.842 |                        |                          |             |                    | HBKC  | BKT      | BKT         |               |     |  |  |  |  |
| CF102-1  | 1          | -                   | 1/0<br>1<br>2        | 2<br>4<br>6 | 0.373 | 0.292           | 0.373 | 0.292 | 0.162 | 1.540                   | 1.100 | 7/8                    | -                        | -           | -                  | 0     | 0        | 0           | 0             |     |  |  |  |  |
| CF1010-1 |            |                     |                      |             |       |                 |       |       |       | 1.610                   | 1.050 |                        |                          |             |                    |       |          |             |               |     |  |  |  |  |
| CF202-1  |            |                     |                      |             |       |                 |       |       |       | 1.670                   | 1.269 |                        |                          |             |                    |       |          |             |               |     |  |  |  |  |
| CF2020-1 | 1          | -                   | 2/0<br>1/0<br>1<br>2 | -           | 0.419 | 0.368           | 0.414 | 0.292 | 0.259 | 0.204                   | 1.740 | 1.220                  |                          |             |                    | K-C   | C        | K-C         | BK-C          |     |  |  |  |  |
| CF402-1  | 1          | -                   | 4/0<br>3/0<br>2/0    | 2<br>4      | 0.528 | 0.414           | 0.373 | 0.292 | 0.259 | 0.204                   | 1.983 | 1.423                  | 1-1/8                    | -           | -                  | -     | D**      | D**         | D**           | D** |  |  |  |  |
| CF4010-1 |            |                     |                      |             |       |                 |       |       |       |                         | 1.992 |                        |                          |             |                    |       |          |             |               |     |  |  |  |  |
| CF4040-1 |            |                     |                      |             |       |                 |       |       |       |                         | 2.252 | 1.483                  |                          |             |                    |       |          |             |               |     |  |  |  |  |

\*Decimal dimensions are for conventional conductor, not Copperweld or Alumoweld.

\*\*Blackburn "D" dies.

\*\*\*Three indents with mechanical tools and one indent with hydraulic tools. 15-Ton/head use appropriate die adapters.