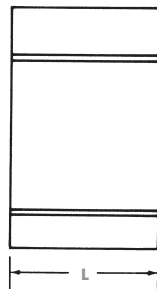


Compression H-Tap Connectors

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



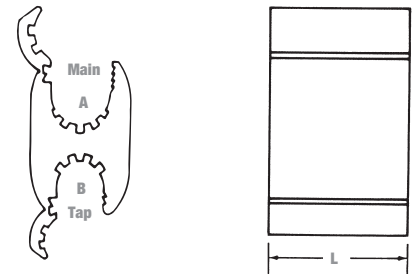
| Cat. No. | Connector No. | Conductor Range | | | | | | | | | | | | Connector Length L (in.) | Installation Information | | | | | | |
|----------|---------------|--------------------|------|------|------|------|------|-------------------|------|----------|------|------|-------|--------------------------|--------------------------|-------------|-----------|------|------|---|--|
| | | 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 | | | | | | |
| WR279 | 4 | 1/0 | 2/0 | 3/0 | 2/0 | 3/0 | 3/0 | 2/0 | 2/0 | 2/0 | 2/0 | 2/0 | 0.470 | 0.336 | 0.470 | 0.36 | 1-13/16 | | 5 | 2 | |
| 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 | 4/0 | 3/0 | 4/0 | 4/0 | | 3/0 | 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 4 6 | 3 4 6 | 2 3 4 6 | | 3 4 6 | 2 3 6 | 4 6 | 2 3 6 | 3 4 6 | 2 3 6 | 0.266 | 0.162 | 0.266 | 0.162 | 1-1/2 | 0 | 5 | |
| WR179 | 1/0 1 2 3 | 1/0 1 2 | 1 | 4 6 | 3 4 6 | 4 6 | 1/0 1 2 | | 4 6 | 4 6 | 0.398 | 0.266 | | | 1-3/4 | | | 4 |
| WR199 | 1/0 1 2 3 | 1/0 1 2 | 1 | 2 3 4 | 1 2 3 4 | 1 2 | 2/0 1/0 1 4 | 2 | 1 2 3 4 | 1 2 | 0.066 | 0.332 | | | | | | |
| WR1010 | 1/0 1 2 3 4 | 2/0 1/0 1 2 3 4 | 1 2 | 1/0 1 2 3 4 | 2/0 1/0 1 2 3 4 | 1 2 | 2/0 1/0 1 4 | 2 | 2/0 1/0 1 2 3 4 | 2/0 1/0 1 2 | 0.419 | 0.232 | 0.419 | 0.232 | 1-7/8 | 5 | | |
| WR259 | 1/0 1 | 2/0 1/0 | | 1/0 1 | 2/0 1/0 | - | 2/0 1/0 | 2/0 1/0 | 2/0 1/0 | 2/0 1/0 | 0.326 | 0.412 | 0.292 | 1-7/8 | | | 5 | 2 |
| WR299 | 2/0 1/0 | 3/0 2/0 | | 4 6 | 3 4 6 | 2 3 6 | 3/0 2/0 | 3/0 | 4 6 | 2 3 4 6 | 0.470 | 0.398 | 0.266 | 0.162 | 1-1/2 | 4 | | |
| WR219 | 1/0 1 | 1/0 1 | | 1/0 1 2 | 1/0 1 | - | 1/0 | 2/0 1/0 | 1/0 | 2/0 1/0 | 0.398 | 0.324 | 0.398 | 0.316 | 1-7/8 | D | 5 | |
| WR239 | 2/0 1/0 | 2/0 1/0 | | 2 3 4 | 1 2 3 | 1 2 | 2/0 1/0 | 4/0 3/0 | 1 2 3 4 | 1 2 | 0.447 | 0.365 | 0.332 | 0.236 | | | | |
| WR229 | | 3/0 2/0 | | 1/0 1 2 | 1/0 1 | - | 3/0 2/0 | | 1/0 1 | 2/0 1/0 | 0.470 | | 0.398 | 0.316 | | | | |
| WR269 | 2/0 | 2/0 | | 2/0 1/0 | 2/0 1/0 | - | 2/0 | 3/0 | 2/0 1/0 | 3/0 2/0 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 | | | 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 | 0.266 | 0.162 | 1-7/8 | D | 4 | 2 | | | | | | | | | | | | | | | | | | |
| WR369 | | | | 6 | 4 | 3 | | | | | | | | | | | | | | | | | | | 4 | 6 | 266 | 1/0 | 1/0 | 1/0 | 0.374 | 0.266 | 1-7/8 | 5 | | | | | | | | |
| WR369** | 4/0 | 3/0 | | 1 | 1/0 | 1 | 266 | 4/0 | 1 | 1/0 | | | | | | | | | | | | | | | 0.63 | 0.423 | 0.3763 | 0.232 | D | 5 | 2 | | | | | | | | | | | |
| WR389 | | | | 2 | 1 | 1 | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 266 | 2/0 | 2/0 | 2/0 | 0.461 | 0.376 | 2-3/16 | 6 | | | |
| WR389** | 4/0 | 3/0 | | 1 | 1/0 | 1/0 | 266 | 4/0 | 1 | 1/0 | | | | | | | | | | | | | | | | | | | | | | 0.563 | 0.423 | 0.336 | 2-3/16 | D | 6 | 2 | | | | |
| WR389** | | | | 2 | 1/0 | 2/0 | | | 2/0 | 2/0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2/0 | 2/0 | 2/0 | 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

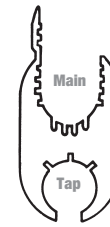
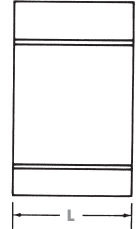


Fig. 1



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 | | | | | | |
| 250 | 6 | 6 | 6 | 6 | 6 | | | | | | | | | | |
| WR775 | 336 266 | 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 | 556 500 | 2/0 | 2/0 | 3/0 | 556 | 477 | 2/0 | 3/0 | 0.520 | 0.447 | 0.162 | 2 | TBM12, JB12B and 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 | 477 | 397 | 266 | 250 | 0.858 | 0.563 | 0.368 | 2 | 3 | | |
| | | 397 | 3/0 | 3/0 | | | 4/0 | 4/0 | | | | | | | |
| | | 350 | 2/0 | 2/0 | | | 3/0 | 3/0 | | | | | | | |
| | | 336 | 1/0 | 1/0 | | | 2/0 | 2/0 | | | | | | | |
| | | 300 | | | | | | | | | | | | | |
| | | 266 | | | | | | | | | | | | | |
| 250 | | | | | | | | | | | | | | | |
| WR875** | 397 336 266 4/0 | 477-18/1 | 350 | 397 | 556 | 477 | 400 | 397 | 0.684 | 0.520 | 3 | 3 | | | |
| | | 266 | 336 | 350 | | | 397 | 350 | | | | | | | |
| | | 250 | 300 | 366 | | | 336 | 336 | | | | | | | |
| | | | 266 | | | | 397 | 300 | | | | | | | |
| | | | 250 | | | | 350 | 266 | | | | | | | |
| | | | | | | | 336 | 250 | | | | | | | |
| WR885 | 500 400 397 350 336 300 266 250 4/0 | 477-18/1 | 500 | | 556 | 477 | 556 | 556 | 0.814 | 0.814 | | | | | |
| | | 397 | 400 | | | | 477 | 477 | | | | | | | |
| | | 350 | 397 | | | | 397 | 397 | | | | | | | |
| | | 336 | 350 | | | | 394 | 350 | | | | | | | |
| | | 300 | 300 | | | | 336 | 336 | | | | | | | |
| | | 266 | 266 | | | | 266 | 300 | | | | | | | |
| 250 | 250 | | | 266 | | | | | | | | | | | |
| 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

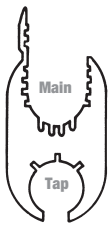


Fig. 1

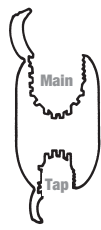


Fig. 2



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 6 | 3 4 6 | 2 3 4 6 | | | 4 6 | 2 3 4 6 | | | 0.266 | 0.162 | | |
| WR719 | 397-18/1 336 266 | 400 397 350 336 300 266 250 | 2/0 1/0 1 2 3 | 2/0 1/0 1 2 | 3/0 2/0 1/0 1 | 477 397 350 336 | 477 397 350 300 | 2/0 1/0 1 2 | 3/0 2/0 1/0 2 | 0.743 | 0.570 | 0.447 | 0.289 | 2 | 2 |
| WR739 | | | 4/0 3/0 2/0 1/0 | 4/0 3/0 2/0 | 4/0 | | | 266 4/0 3/0 | 266 250 4/0 | | | 0.563 | 0.398 | | |
| WR779 | | | 397-18/1 336 266 | 400 397 350 336 266 250 | 477 397 | | | 477 397 336 | 0.743 | | | 0.570 | 3 | | |
| WR799 | 477-18/1 266 | 500 250 | 4 6 | 3 4 6 | 2 3 4 6 | 477-18/1 250 | 500 250 | 3 4 6 | 2 3 4 6 | 0.814 | 0.575 | 0.270 | 0.160 | TBM12, JB12B and 13642M | 2 |
| WR819 | 477-18/1 397 336 | 556 500 477 450 400 397 350 336 | 2/0 1/0 1 2 3 | 2/0 1/0 1 2 | 3/0 2/0 1/0 1 | 556 477 397 | 556 477 397 | 2/0 1/0 1 2 | 3/0 2/0 1/0 2 | 0.858 | 0.659 | 0.477 | 0.289 | | |
| WR839 | | | 4/0 3/0 2/0 | 4/0 3/0 | 4/0 | | | 266 4/0 3/0 | 266 250 4/0 | | | 0.563 | 0.477 | | |
| WR879** | | | 336-18/1 266 | 350 336 300 266 | 397 | | | 397 336 | 0.684 | | | 0.593 | 2 | 3 | |
| WR889 | 500 400 397 350 336 | 477-18/1 397 336 | 500 400 397 350 336 | — | 556 477 397 336 | 556 477 397 350 | 556 477 397 336 | 556 477 397 350 | 0.814 | 0.666 | 0.814 | 0.666 | | | |

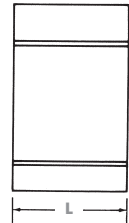
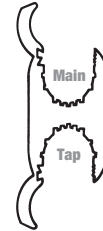
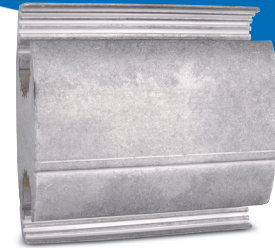
*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

**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



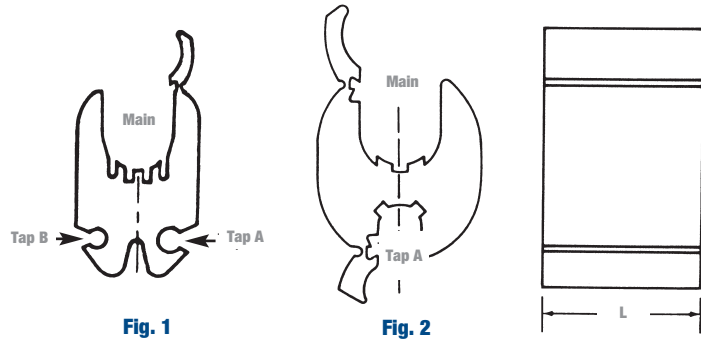
Products on this page are not CSA applicable.

| Cat. No. | Conductor Range | | | | | | | | | | | | Connector Length 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 | 266 | | | 266 | 300 | | | | | | | | | | | | |
| | | 556 | 3/0 | 250 | | | 4/0 | 266 | | | | | | | | | | | | |
| WR929 | | | 556-18/1 | 600 | | 700 | 2/0 | 4/0 | | | | | 0.893 | 0.666 | 0.893 | 0.666 | | | | |
| | | | 477 | 556 | | 636 | 556 | 3/0 | | | | | | | | | | | | |
| | | 477 | 4/0 | 556 | | 556 | 477 | 477 | | | | | | | | | | | | |
| | | 397 | 3/0 | 450 | | 477 | 550 | 477 | | | | | | | | | | | | |
| WR949 | | | 336-18/1 | 350 | | | 397-18/1 | 397 | | | | | 1.108 | 0.883 | 0.684 | 0.398 | | | | |
| | | | 266 | 336 | | | 336 | 336 | | | | | | | | | | | | |
| | | | 4/0 | 266 | | | 266 | 300 | | | | | | | | | | | | |
| | | | 3/0 | 250 | | | 4/0 | 266 | | | | | | | | | | | | |
| WR969 | | | 556-18/1 | 600 | | 1000 | 636 | 700 | | | | | 1.108 | 0.883 | 0.893 | 0.666 | | | | |
| | | | 477 | 556 | | 954 | 954 | 556 | | | | | | | | | | | | |
| | | 900 | 3/0 | 477 | | 874 | 874 | 477 | | | | | | | | | | | | |
| | | 874 | 2/0 | 400 | | 795 | 795 | 397 | | | | | | | | | | | | |
| WR989 | | | 795-26/7 | 800 | | | 954 | 1000 | | | | | 1.108 | 0.883 | 1.108 | 0.883 | | | | |
| | | | 715 | 800 | | | 874 | 874 | | | | | | | | | | | | |
| | | | 666 | 795 | | | 795 | 795 | | | | | | | | | | | | |
| | | | 636 | 750 | | | 795 | 750 | | | | | | | | | | | | |
| WR999 | | | 954-45/7 | 1033 | | | 954 | 1000 | | | | | 1.172 | 0.997 | 1.172 | 0.997 | | | | |
| | | | 900 | 1000 | | | 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 4 6 | 2 3 4 6 | 1 2 3 4 | 8 10 12 14 | 8 10 12 14 | - | - | 0.292 | 0.184 | 0.146 | 0.064 | - | - | 13/16 | 5/8 BG | 3 | - |
| WR139 | 1 | 1/0 1 2 3 4 | 2/0 1/0 1 2 3 | 1 2 | 8 10 12 14 | 6 8 10 12 14 | - | - | 0.419 | 0.250 | 0.162 | 0.100 | 0.092 | 0.064 | 1-1/2 | D | 4 | - |
| WR502 | | 4/0 3/0 | 4/0 3/0 | - | | | | | 0.563 | 0.461 | | | | | | | | |
| WR502* | | 4/0 3/0 2/0 1/0 | 4/0 3/0 2/0 1/0 | - | | | | | 0.365 | 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

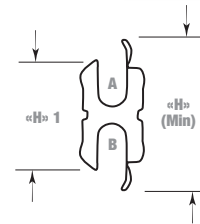
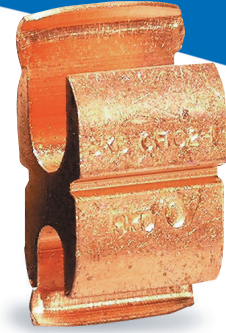


Fig. 1

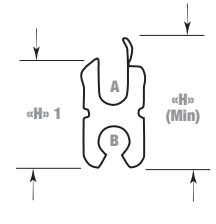


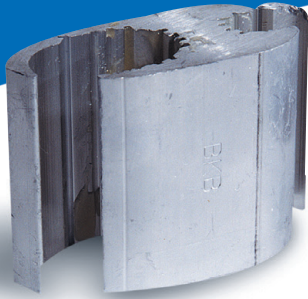
Fig. 2

| 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 5/8 | B, T 5/8 | W-KB W-BG | BKT | B | BKT U-BG | BKT |
| 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 1 2 | 2 | 4 | 0.373 | 0.292 | 0.373 | 0.292 | 1.540 | 1.100 | 7/8 | - | - | - | 0 | 0 | 0 | 0 |
| CF1010-1 | | | | 1/0 1 2 | 0.373 | | | | | 0.292 | 1.610 | | | | | | | | |
| CF202-1 | | | | 2/0 1/0 1 2 | 0.419 | 0.368 | 0.259 | 0.204 | 1.670 | 1.269 | | | | | | | | | |
| CF2020-1 | 2/0 1/0 | 0.414 | 0.292 | 1.740 | 1.220 | | | | | | | | | | | | | | |
| CF402-1 | 1 | - | 4/0 3/0 2/0 | 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 1 2 | 0.528 | | | | | 0.414 | 0.373 | | | | | | | | |
| CF4040-1 | | | | 4/0 3/0 2/0 | 0.528 | 0.414 | 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.

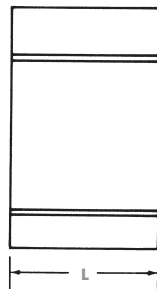


Compression H-Tap Connectors

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



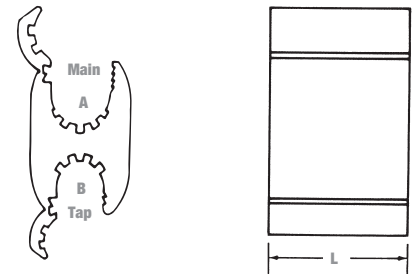
| Cat. No. | Connector No. | Conductor Range | | | | | | | | | | | | Connector Length L (in.) | Installation Information | | | | | | |
|----------|---------------|--------------------|------|------|------|------|------|-------------------|------|----------|------|------|-------|--------------------------|--------------------------|-------------|-----------|------|------|---|--|
| | | 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 | | | | | | |
| WR279 | 4 | 1/0 | 2/0 | 3/0 | 2/0 | 3/0 | 3/0 | 2/0 | 2/0 | 2/0 | 2/0 | 2/0 | 0.470 | 0.336 | 0.470 | 0.36 | 1-13/16 | | 5 | 2 | |
| 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 | | 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 4 6 | 3 4 6 | 2 3 4 6 | | 3 4 6 | 2 3 6 | 4 6 | 2 3 6 | 3 4 6 | 2 3 6 | 0.266 | 0.162 | 0.266 | 0.162 | 1-1/2 | 0 | 5 | |
| WR179 | 1/0 1 2 3 | 1/0 1 2 | 1 | 4 6 | 3 4 6 | 4 6 | 1/0 1 2 | | 4 6 | 4 6 | 0.398 | 0.266 | | | 1-3/4 | | | 4 |
| WR199 | 1/0 1 2 3 | 1/0 1 2 | 1 | 2 3 4 | 1 2 3 4 | 1 2 | 2/0 1/0 1 4 | 2 | 1 2 3 4 | 1 2 | 0.066 | 0.332 | | | | | | |
| WR1010 | 1/0 1 2 3 4 | 2/0 1/0 1 2 3 4 | 1 2 | 1/0 1 2 3 4 | 2/0 1/0 1 2 3 4 | 1 2 | 2/0 1/0 1 2 3 4 | 2 | 2/0 1/0 1 2 3 4 | 2/0 1/0 1 2 | 0.419 | 0.232 | 0.419 | 0.232 | 1-7/8 | 5 | | |
| WR259 | 1/0 1 | 2/0 1/0 | | 1/0 1 | 2/0 1/0 | - | 2/0 1/0 | 2/0 1/0 | 2/0 1/0 | 2/0 1/0 | 0.326 | 0.412 | 0.292 | 1-7/8 | | | 5 | 2 |
| WR299 | 2/0 1/0 | 3/0 2/0 | | 4 6 | 3 4 6 | 2 3 6 | 3/0 2/0 | 3/0 | 4 6 | 2 3 4 6 | 0.470 | 0.398 | 0.266 | 0.162 | 1-1/2 | 4 | | |
| WR219 | 1/0 1 | 1/0 1 | | 1/0 1 2 | 1/0 1 | - | 1/0 | 2/0 1/0 | 1/0 | 2/0 1/0 | 0.398 | 0.324 | 0.398 | 0.316 | 1-7/8 | D | 5 | |
| WR239 | 2/0 1/0 | 2/0 1/0 | | 2 3 4 | 1 2 3 | 1 2 | 2/0 1/0 | 4/0 3/0 | 1 2 3 4 | 1 2 | 0.447 | 0.365 | 0.332 | 0.236 | | | | |
| WR229 | | 3/0 2/0 | | 1/0 1 2 | 1/0 1 | - | 3/0 2/0 | | 1/0 1 | 2/0 1/0 | 0.470 | | 0.398 | 0.316 | | | | |
| WR269 | 2/0 | 2/0 | | 2/0 1/0 | 2/0 1/0 | - | 2/0 | 3/0 | 2/0 1/0 | 3/0 2/0 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 | | | 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 | | | 2/0 | 2/0 | | | | | | | | 2/0 | 3/0 | 2/0 | 2/0 | 0.447 | 0.336 | 2-1/8 |
| WR359 | 4/0 | 3/0 | | 4 | 3 | 2 | 266 | 1/0 | 1/0 | 1/0 | | | | | | | | 0.563 | 0.266 | 0.162 | 1-7/8 | D | 4 | 2 |
| WR369 | | | | 6 | 4 | 3 | | | 1 | 1 | | | | | | | | | | | | | | |
| WR369** | 4/0 | 3/0 | | 1 | 1/0 | 1/0 | 266 | 4/0 | 266 | 1/0 | | | | | | | | 0.63 | 0.423 | 0.3763 | 0.232 | D | 5 | 2 |
| WR389 | | | | 2 | 2 | 1 | | | 2 | 1 | | | | | | | | | | | | | | |
| WR389** | 4/0 | 3/0 | | 1/0 | 1/0 | 1/0 | 266 | 4/0 | 250 | 3/0 | | | | | | | | 0.563 | 0.423 | 0.336 | 2-3/16 | D | 6 | 2 |
| WR389** | | | | 2 | 2 | 1 | | | 2 | 1 | | | | | | | | | | | | | | |
| WR389** | 4/0 | 3/0 | | 2/0 | 3/0 | - | 266 | 4/0 | 250 | 3/0 | | | | | | | | 0.563 | 0.423 | 0.336 | 2-3/16 | D | 6 | 2 |
| WR389** | | | | 1 | 2/0 | 1/0 | | | 2/0 | 1/0 | | | | | | | | | | | | | | |

*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

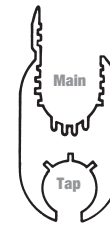
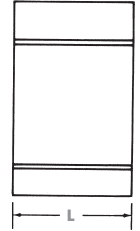


Fig. 1



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 | | | | | | |
| 250 | 6 | 6 | 6 | 6 | 6 | | | | | | | | | | |
| WR775 | 336 266 | 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 | | | | | | |
| 250 | 250 | 250 | | 250 | 250 | | | | | | | | | | |
| 4/0 | 4/0 | 4/0 | | 4/0 | 4/0 | | | | | | | | | | |
| WR815 | 556 500 | 2/0 | 2/0 | 3/0 | 556 | 477 | 2/0 | 3/0 | 0.520 | 0.447 | 0.162 | 2 | TBM12, JB12B and Y-35 | 2 | |
| | | 1/0 | 1/0 | 2/0 | | | 1/0 | 1/0 | | | | | | | 2/0 |
| | | 1 | 1 | 1 | | | 1 | 1 | | | | | | | 1 |
| | | 2 | 2 | 2 | | | 2 | 2 | | | | | | | 2 |
| | | 3 | 3 | 3 | | | 3 | 3 | | | | | | | 3 |
| | | 4 | 4 | 4 | | | 4 | 4 | | | | | | | 4 |
| 6 | 6 | 6 | 6 | 6 | 6 | | | | | | | | | | |
| WR835 | 477-18/1 | 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 | 3/0 | | | | | | 3/0 | |
| | | 350 | 2/0 | 2/0 | | | 2/0 | 2/0 | | | | | | 2/0 | |
| | | 336 | 1/0 | 1/0 | | | 1/0 | 1/0 | | | | | | 1/0 | |
| | | 300 | | | | | | | | | | | | | |
| | | 266 | | | | | | | | | | | | | |
| 250 | | | | | | | | | | | | | | | |
| WR875** | 397 336 266 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 | 500 400 397 350 336 300 266 250 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 | 300 | | | | | | | |
| | | 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

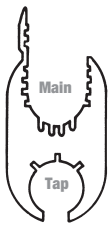


Fig. 1

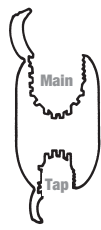


Fig. 2



Products on this page are not CSA applicable.

| Cat. No. | Conductor Range | | | | | | | | | | | 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 6 | 3 4 6 | 2 3 4 6 | | | 4 6 | 2 3 4 6 | | | 0.266 | 0.162 | | |
| WR719 | 397-18/1 336 266 | 400 397 350 336 300 266 250 | 2/0 1/0 1 2 3 | 2/0 1/0 1 2 | 3/0 2/0 1/0 1 | 477 397 350 336 | 477 397 350 300 | 2/0 1/0 1 2 | 3/0 2/0 1/0 2 | 0.743 | 0.570 | 0.447 | 0.289 | 2 | 2 |
| WR739 | | | 4/0 3/0 2/0 1/0 | 4/0 3/0 2/0 | 4/0 | | | 266 4/0 3/0 | 266 250 4/0 | | | 0.563 | 0.398 | | |
| WR779 | | | 397-18/1 336 266 | 400 397 350 336 266 250 | 477 397 | | | 477 397 336 | 0.743 | | | 0.570 | 3 | | |
| WR799 | 477-18/1 266 | 500 250 | 4 6 | 3 4 6 | 2 3 4 6 | 477-18/1 250 | 500 250 | 3 4 6 | 2 3 4 6 | 0.814 | 0.575 | 0.270 | 0.160 | TBM12, JB12B and 13642M | 2 |
| WR819 | 477-18/1 397 336 | 556 500 477 450 400 397 350 336 | 2/0 1/0 1 2 3 | 2/0 1/0 1 2 | 3/0 2/0 1/0 1 | 556 477 397 | 556 477 397 | 2/0 1/0 1 2 | 3/0 2/0 1/0 2 | 0.858 | 0.659 | 0.477 | 0.289 | | |
| WR839 | | | 4/0 3/0 2/0 | 4/0 3/0 | 4/0 | | | 266 4/0 3/0 | 266 250 4/0 | | | 0.563 | 0.477 | | |
| WR879** | | | 336-18/1 266 | 350 336 300 266 | 397 | | | 397 336 | 397 350 336 | | | 0.684 | 0.593 | | |
| WR889 | | 500 400 397 350 336 | 477-18/1 397 336 | 500 400 397 350 336 | — | 556 477 397 336 | 556 477 397 350 | 556 477 397 336 | 556 477 397 350 | 0.814 | 0.666 | 0.814 | 0.666 | | 3 |

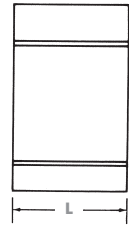
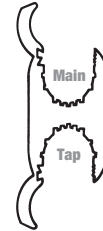
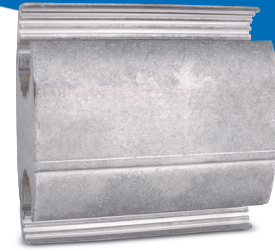
*Will accept conductors of these same wire sizes with a 3% reduction of diameter (compressed).

**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



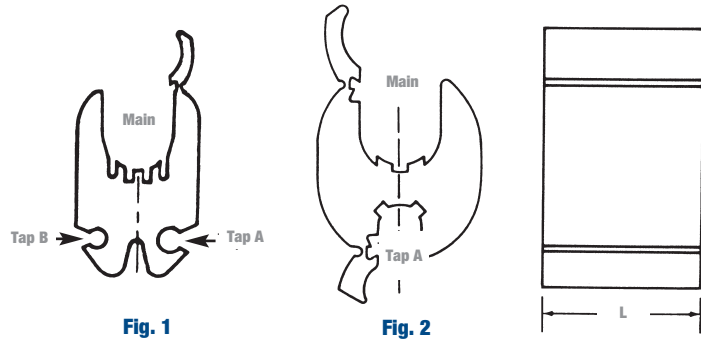
Products on this page are not CSA applicable.

| Cat. No. | Conductor Range | | | | | | | | | | | Connector Length 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 | | | 2/0 | 250 | | | | | 0.893 | 0.666 | 0.893 | 0.666 | | | | | | | | | | | | | | |
| | | 477 | 4/0 | 600 | | | 2/0 | 4/0 | | | | | | | | | | | | | | | | | | | | | | |
| | | 397 | 4/0 | 556 | 636 | 700 | 4/0 | 3/0 | | | | | | | | | | | | | | | | | | | | | | |
| | | 336 | 450 | 550 | 556 | 556 | 477 | 500 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | 556-18/1 | 500 | | | 397-2/0 | 397 | | | | | 1.108 | 0.883 | 0.893 | 0.666 | | | | | | | | | | | | | | |
| | | 900 | 4/0 | 600 | | | 336 | 363 | | | | | | | | | | | | | | | | | | | | | | |
| | | 874 | 3/0 | 550 | 954 | 1000 | 477 | 477 | | | | | | | | | | | | | | | | | | | | | | |
| | | 715 | 2/0 | 500 | 874 | 874 | 477 | 556 | | | | | | | | | | | | | | | | | | | | | | |
| WR989 | | | 795-26/7 | 800 | | | 954-7/95 | 954 | | | | | 1.108 | 0.883 | 1.108 | 0.883 | | | | | | | | | | | | | | |
| | | 666 | 3/0 | 477 | | | 795 | 795 | | | | | | | | | | | | | | | | | | | | | | |
| | | 636 | 2/0 | 450 | | | 397 | 477 | | | | | | | | | | | | | | | | | | | | | | |
| | | 606 | 1/0 | 400 | | | 450 | 450 | | | | | | | | | | | | | | | | | | | | | | |
| WR999 | | | 954-45/7 | 1033 | | | 954-900/874 | 954 | | | | | 1.172 | 0.997 | 1.172 | 0.997 | | | | | | | | | | | | | | |
| | | 900 | 4/0 | 900 | | | 900 | 900 | | | | | | | | | | | | | | | | | | | | | | |
| | | 874 | 3/0 | 900 | | | 900 | 900 | | | | | | | | | | | | | | | | | | | | | | |
| | | 795 | 2/0 | 795 | | | 874 | 874 | | | | | | | | | | | | | | | | | | | | | | |



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 4 6 | 2 3 4 6 | 1 2 3 4 | 8 10 12 14 | 8 10 12 14 | - - | - - | 0.292 | 0.184 | 0.146 | 0.064 | - - | - - | 13/16 | 5/8 BG | 3 | - |
| WR139 | 1 | 1/0 1 2 3 4 | 2/0 1/0 1 2 3 | 1 2 | 8 10 12 14 | 6 8 10 12 14 | - | - | 0.419 | 0.250 | 0.162 | 0.100 | 0.092 | 0.064 | 1-1/2 | D | 4 | - |
| WR502 | | 4/0 3/0 | 4/0 3/0 | - | | | | | 0.563 | 0.461 | | | | | | | | |
| WR502* | | 4/0 3/0 2/0 1/0 | 4/0 3/0 2/0 1/0 | - | | | | | 0.365 | 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

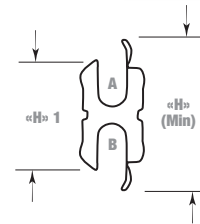
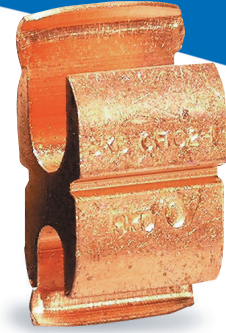


Fig. 1

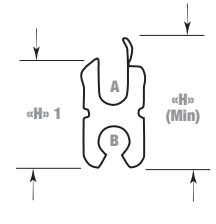


Fig. 2

| 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 5/8 | B, T 5/8 | W-KB W-BG | BKT | B | BKT U-BG | BKT | | | | | | | | |
| 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 1 2 | 2 4 6 | 0.373 | 0.292 | 0.373 | 0.292 | 1.610 | 1.050 | 1.540 | 1.100 | 7/8 | - | - | - | 0 | 0 | 0 | 0 | | | | | | | |
| CF1010-1 | | | | | | | | | | | | | | | | | | | | | 1/0 1 2 | 0.373 | 0.292 | 1.610 | 1.050 | | |
| CF202-1 | | | | | | | | | | | | | | | | | | | | | 2/0 1/0 1 2 | 0.419 | 0.368 | 0.259 | 0.204 | 1.670 | 1.269 |
| CF2020-1 | 1 | - | 2/0 1/0 | - | 0.419 | 0.368 | 0.414 | 0.292 | 1.740 | 1.220 | 1.740 | 1.220 | 7/8 | - | - | - | K-C | C | K-C | BK-C | | | | | | | |
| CF402-1 | 1 | - | 4/0 3/0 2/0 | 2 4 | 0.528 | 0.414 | 0.373 | 0.292 | 1.992 | 1.423 | 1.983 | 1.483 | 1-1/8 | - | - | - | D** | D** | D** | D** | | | | | | | |
| CF4010-1 | | | | | | | | | | | | | | | | | | | | | 1/0 1 2 | 0.528 | 0.414 | 0.373 | 0.292 | 1.992 | 1.423 |
| CF4040-1 | | | | | | | | | | | | | | | | | | | | | 4/0 3/0 2/0 | 0.528 | 0.414 | 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.