

## Full- and semi-tension compression splices

Aluminum multi-range dieless compression splices – Minimum and partial tension



SGAC 500

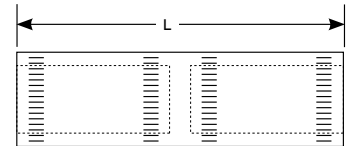
### Compression splices for a wide conductor range, no dies needed.

- Made from aluminum for high strength and high conductivity
- Solid center stop ensures proper cable insertion
- Dual-rated for use with aluminum and copper conductors
- Connector bores coated with oxide inhibitor and capped to prevent oxidation
- All splices marked with conductor sizes for easy identification

#### Minimum tension

| Cat. no.  | Conductor size<br>(AWG or kcmil)        | Decimal range |           | Tool      | L (in.) |
|-----------|---|---------------|-----------|-----------|---------|
|           |   | Min. O.D.     | Max. O.D. |           |         |
| SGAC 1/0  | #10 sol. – 1/0 ACSR                     | 0.102         | 0.398     | VC-5/VC-6 | 2       |
| SNG 00    | #10 sol. – 1/0 ACSR                     | 0.102         | 0.398     | VC-5/VC-6 | 4¼      |
| SGAC 3/0  | #8 sol. – 3/0 str.                      | 0.128         | 0.470     | VC-5/VC-6 | 3       |
| SGAC 250  | #4 sol. – 266.8 – 4/0 ACSR              | 0.204         | 0.593     | VC-5/VC-6 | 4       |
| SGAC 350  | 2/0 str. – 350 – 336.4 (18/1)           | 0.414         | 0.684     | VC-6      | 5       |
| SGAC 500  | 4/0 str. – 500 – 477 (18/1)             | 0.522         | 0.814     | VC-6      | 5       |
| SGAC 8650 | 350 str. – 636 (36/1) 400 copper max.   | 0.681         | 0.940     | VC-8      | 8⅞      |
| SGAC 8800 | 397.5 str. – 795 (36/1) 500 copper max. | 0.724         | 1.040     | VC-8      | 10⅞     |

Diagram



Note: For tin-plating option, add "-TN" suffix to the catalog number.



SKAC 500

#### Partial tension

| Cat. no. | Conductor size<br>(AWG or kcmil) | Decimal range |           | Tool      | B (in.) | L (in.) |
|----------|----------------------------------|---------------|-----------|-----------|---------|---------|
|          |                                  | Min. O.D.     | Max. O.D. |           |         |         |
| SKAC 2/0 | #2 str. – 2/0 ACSR               | 0.292         | 0.447     | VC-5/VC-6 | 3⅞      | 6½      |
| SKAC 4/0 | 1/0 str. – 4/0 ACSR              | 0.368         | 0.563     | VC-5/VC-6 | 3⅞      | 8       |
| SKAC 500 | 4/0 str. – 477 (18/1) ACSR       | 0.522         | 0.814     | VC-6      | 3⅞      | 8       |
| SKAC 600 | 300 – 477 (26/7) ACSR            | 0.629         | 0.858     | VC-6      | 5⅞      | 11⅞     |
| SKAC 700 | 556.5 – 636 (36/1) ACSR          | 0.858         | 0.930     | VC-8      | 6⅞      | 12⅞     |
| SKAC 800 | 700 – 795 (36/1) ACSR            | 0.964         | 1.040     | VC-8      | 6⅞      | 12⅞     |

Diagram

